



ISCC PLUS Certificate

Certificate Number: ISCC-PLUS-Cert-DE101-25063447

DQS CFS GmbH
August-Schanz-Straße 21
60433 Frankfurt am Main
Germany

certifies that

Henkel AG & Co. KGaA
Kirchheimer Straße 9
73441 Bopfinger
Germany
(operating under a tolling agreement)

complies with the requirements of the certification system

ISCC PLUS
(International Sustainability and Carbon Certification).

This certificate is valid from 25.05.2025 to 24.05.2026.

The site of the system user is certified as:

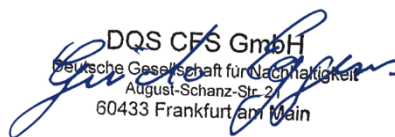
Warehouse
Specialty chemical plant

The scope of the certificate includes the following chain of custody options:
(not applicable for paper traders)

Mass balance

Frankfurt am Main, 19.05.2025

Place and date of issue


DQS CFS GmbH
Deutsche Gesellschaft für Nachhaltigkeit
August-Schanz-Str. 21
60433 Frankfurt am Main

Guido Eggers
Managing Director

Annex to the certificate:

Sustainable materials handled by the certified site

(This annex is applicable for all scopes except of Trader, Trader with storage, Warehouse, Logistic centres, MTBE and ETBE)

This annex is only valid in connection with the certificate:

ISCC-PLUS-Cert-DE101-25063447 issued on 25.05.2025

Input material	Output material	Add-ons (voluntary) ¹⁾	Raw material category	SAI/ FSA ³⁾	FEFAC ⁴⁾
MDI	Adhesives	N.A.	Bio-circular	N.A.	N.A.
MDI prepolymers	Adhesives	N.A.	Bio-circular	N.A.	N.A.
PE (specification of PE)	Adhesives	N.A.	Bio-circular	N.A.	N.A.
Esters (specification of ester)	Adhesives	N.A.	Bio-circular	N.A.	N.A.

1)	ISCC PLUS add-ons (voluntary application, see www.iscc-system.org for further information):	
	<ul style="list-style-type: none">202-04: Food Security Standard202-07: Low ILUC-risk feedstock205-01: GHG emission requirements	<ul style="list-style-type: none">205-02: Consumables205-03: Non GMO for food and feed205-04: Non GMO for technical markets
2)	Bio raw materials complies with the ISCC Principles 1 – 6 for the cultivation and harvesting of sustainable biomass. Bio-circular and circular raw materials meet the ISCC definition of waste or residue, i.e. it was not intentionally produced and not intentionally modified, or contaminated, or discarded, to meet the definition of waste or residue. For circular raw materials, the voluntary information about PIR (post-industrial recycling) or PCR (post-consumer recycling) material can be stated in brackets.	
3)	Farm Sustainability Assessment (FSA) was developed by the Sustainable Agriculture Initiative (SAI)	
	SAI Gold Compliance: ISCC Compliant can be claimed as “SAI FSA 3.0 Gold Level Equivalence”	
4)	FEFAC: European Feed Manufacturers’ Federation. ISCC compliant materials can be claimed as “in line with FEFAC soy sourcing guidelines 2015”	



ISCC PLUS Certificate

Certificate Number: ISCC-PLUS-Cert-DE101-25603452

DQS CFS GmbH
August-Schanz-Straße 21
60433 Frankfurt am Main
Germany

certifies that

Henkel Global Supply chain Company BV
Fred. Roeskestraat 100
1076 ED Amsterdam
Netherlands

complies with the requirements of the certification system

ISCC PLUS
(International Sustainability and Carbon Certification).

Place of the audit

(if different from the legal address of the system user as stated above;
only applicable for traders and traders with storage):
see above

This certificate is valid from 12.10.2025 to 11.10.2026.

The site of the system user is certified as:

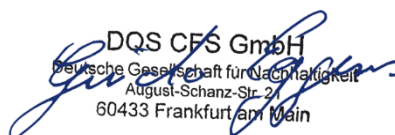
Trader

The scope of the certificate includes the following chain of custody options:
(not applicable for paper traders)

n.a.

Frankfurt am Main, 06.10.2025

Place and date of issue


DQS CFS GmbH
Deutsche Gesellschaft für Nachhaltigkeit
August-Schanz-Str. 21
60433 Frankfurt am Main

Guido Eggers
Managing Director

Annex to the certificate:

List of traders of LRD

This annex is only valid in connection with the certificate:

ISCC-PLUS-Cert-DE101-25603452 issued on 12.10.2025

Trade name	Address	Postal code	City	Country
Henkel Nederland B.V.	Brugwal 11	3432 NZ	Nieuwegein	Netherlands
Henkel Ireland Distribution Ltd.	Tallaght Business Park, Whitestown Industrial Estate	D24 YH42	Dublin	Ireland
Henkel Balti OÜ	Sõbra 61	51013	Tartu	Estonia
Henkel Latvia SIA	Gustava Zemgala gat. 76, Vidzemes priekšpilsēta	LV-1039	Riga	Latvia
Henkel Bulgaria EOOD	Business Park, building 2, floor 4	1766	Sofia	Bulgaria
Henkel Finland Oy	Äyritie 12 A	FI-1510	Vantaa	Finland
Henkel Central Eastern Europe GmbH	Erdbergstraße 29	1030	Vienna	Austria
Henkel Romania Srl	Ionita Vornicul Street 1-7, S2	020325	București	Romania
Henkel Croatia d.o.o.	Budmanijeva ul. 1	10000	Zagreb	Croatia
Henkel Slovenija d.o.o.	Industrijska ulica 23	2000	Maribor	Slovenia
Henkel Slovensko spol. s.r.o.	Záhradnícka 91	821 08	Bratislava	Slovakia
Henkel Norway AS	Karenslyst Allé 8b	0278	Oslo	Norway
Henkel Denmark A/S	Industriparken 21A	2750	Ballerup	Denmark
Henkel Iberica Portugal, Unipessoal Lda.	Rua D.Nuno Alvares Pereira 4-4/A	2695-167	Bobadela LRS	Portugal
Henkel Canada Corporation	Meadowpine Boulevard 2515	L5N 6C3	Mississauga	Canada
HENKEL ČR, spol. s r.o.	Boudníkova 2514/5	180 00	Praha 8	Czech Republic

Annex to the certificate:

List of traders of LRD

This annex is only valid in connection with the certificate:

ISCC-PLUS-Cert-DE101-25603452 issued on 12.10.2025

Trade name	Address	Postal code	City	Country
Henkel Polska Sp. z o.o.	ul. Domaniewska 41	02-672	Warsaw	Poland
Henkel & Cie AG	Salinenstrasse 61	CH - 4133	Pratteln	Switzerland
Henkel Iberica S.A.	Bilbao 72-84	ES-08005	Barcelona	Spain
Henkel Italia S.r.l.	Via Amoretti 78	IT - 20157	Milano	Italy
Henkel Ltd	Wood Lane End	GB - HP2 4RQ	Hemel Hempstead	United Kingdom
Henkel Norden AB	Vasagatan 14A	S-172 61	Sundbyberg	Sweden
Henkel Magyarország Kft.	Lechner Ödön fasor 10/ B.	HU-1095	Budapest	Hungary
Henkel Hellas S.A.	Kyprou Street 23	GR-18346	Moschato Athens	Greece
Henkel Technologies France S.A.S.	Rue du Vieux Pont de Sèvres 245	FR - 92100	Boulogne Billancourt	France
Henkel Belgium NV	Esplanade 1	1020	Brussel	Belgium
Henkel AG & Co. KGaA	Henkelstrasse 67	40589	Düsseldorf	Germany
Henkel Corporation	One Henkel Way	06067	Rocky Hill, CT	United States of America
Henkel BT Ltd. Belarus	Stroitel'naya street 8	223036	Zaslavl	Belarus
Henkel Srbija d.o.o.	Bulevar oslobođenja 383	11040	Belgrade	Serbia
Türk Henkel Kimya San.	Fatih Sultan Mehmet Mah.Poligon Cad. Buyaka İki Sit.C Bl 8	34771	Istanbul	Turkey



CERTIFICATE



This is to certify that

Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

with the organizational units/sites as listed in the annex

has implemented and maintains a Quality Management System.

Scope:

Marketing & Strategy, Sales, Product Development, Production & Services, Distribution & Logistics of Adhesives, Sealants, Functional Coatings and Specialties with Management System, Digital (Infrastructure), Technology Operations/ Engineering, and Human Resource as supporting processes and Strategic Business Steering as the management process.

Through an audit, documented in a report, it was verified that the management system fulfills the requirements of the following standard:

ISO 9001 : 2015

Certificate registration no.	069734 QM15
Date of revision	2025-12-18
Date of certification	2024-08-02
Valid until	2027-08-30

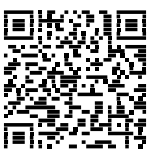


DQS GmbH

DQS IS A MEMBER OF



Guido Eggers
Managing Director





Annex to certificate
Registration no.: 069734 QM15

Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

Location

Scope

Argentina

464416
Henkel Argentina S.A.
Ruta Nacional 5 km 159,5
Parque Industrial Chivilcoy
B6620 - Chivilcoy, Buenos Aires
Argentina

Production & Services, Distribution & Logistics of Adhesives, Functional Coatings and Specialties with Management System and Technology Operations/ Engineering as supporting processes.

60000074
Henkel Argentina S.A.
Sitio San Isidro
Nicolas Avellaneda 1357
B1642EYA - San Isidro, Buenos Aires
Argentina

Marketing & Strategy, Sales, Production & Services, Distribution & Logistics of Adhesives, Sealants, Functional Coatings and Specialties with Management System as supporting process

Australia

214691
Henkel Australia Pty Ltd
135-141 Canterbury Road, Kilsyth
Victoria 3137
Australia

The Marketing & Strategy, Sales, Product Development, Production & Services, and Distribution & Logistics of Adhesives, Sealants, Functional Coatings and Specialties, with Management System, Technology Operations/ Engineering and Human Resource as supporting processes, and Strategic Business Steering as the management process



Annex to certificate
Registration no.: 069734 QM15

Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

Location

463364
Henkel Australia Pty Ltd
7 Stanton Road, Seven Hills
New South Wales 2147
Australia

Scope

The Marketing & Strategy, Sales, Product Development, Production & Services, and Distribution & Logistics of Adhesives, Sealants, Functional Coatings and Specialties, with Management System and Technology Operations/ Engineering as supporting processes, and Strategic Business Steering as the management process

Austria

255097
Henkel Central Eastern Europe GmbH
Erdbergstraße 29
1030 Wien
Austria

Marketing & Strategy, Sales, Product Development, Distribution & Logistics of Adhesives, Sealants, Functional Coatings and Specialties with Management System, and Human Resource as supporting processes.

31600779
Henkel Central Eastern Europe GmbH
Dr. Walter Zumtobel Straße 15
6850 Dornbirn
Austria

Product Development, Production & Services, Distribution & Logistics of Specialties with Management System, Technology Operations/ Engineering, and Human Resource as supporting processes

31600780
Henkel Central Eastern Europe GmbH
Allgäuerstraße 3
6912 Hörbranz
Austria

Production & Services of Adhesives and Sealants with Management System, Technology Operations/ Engineering as supporting process



Annex to certificate
Registration no.: 069734 QM15

Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

Belgium

505746
Henkel Belgium Operations N.V.
Henkel Belgium N.V.
Anderlechtstraat 33
1620 Drogenbos
Belgium

Product Development, Production & Services,
Distribution & Logistics of Adhesives with
Management System, Technology Operations/
Engineering, and Human Resource as
supporting processes.

436788
Henkel Belgium Operations N.V.
Nijverheidsstraat 7
2260 Westerlo
Belgium

Product Development, Production & Services,
Distribution & Logistics of Adhesives, Sealants,
Functional Coatings and Specialties with
Management System, Technology Operations/
Engineering, and Human Resource as
supporting processes.

492154
Henkel Belgium N.V.
Nijverheidsstraat 7
2260 Westerlo
Belgium

Product Development of Adhesive, Sealants,
Functional Coatings and Specialties with
Management System as supporting process.

Bosnia and Herzegovina

529023
Henkel Adhezivi BH d.o.o.
Drakuljica bb
89230 Bileca
Bosnia and Herzegovina

Production & Services, Distribution & Logistics
of Adhesives and Specialties, with
Management System, Technology Operations/
Engineering as supporting process.



Annex to certificate
Registration no.: 069734 QM15

Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

Brazil

297456
Henkel Ltda.
Av. Prof Vernon Kriebel, 91
06690-250 Itapevi - Sao Paulo
Brazil

Marketing & Strategy, Sales, Product Development, Production & Services, Distribution & Logistics of Adhesives, Sealants, Functional Coatings and Specialties with Management System, Technology Operations/ Engineering as supporting processes.

464513
Henkel Ltda.
Av. José Alves de Oliveira,
1000 - Distr. Industrial Fazenda Grande
13213-105 Jundiaí, SP
Brazil

Product Development, Production & Services and Distribution & Logistics of Adhesive, Sealants, Functional Coatings and Specialties with Management System, Technology Operations/ Engineering as supporting process

Bulgaria

495844
Henkel Bulgaria Operations EOOD
Henkel Bulgaria EOOD
Proizvodstvena zona, District Sofia-grad,
Municipality; Novi Iskar
1289 Mirovjane Village
Bulgaria

Marketing & Strategy, Sales, Product Development, Production & Services, Distribution & Logistics of Adhesives and Specialties with Management System, Technology Operations/ Engineering, and Human Resource as supporting processes

Canada

10010102
Henkel Canada Corporation
6200 Millcreek Drive
Mississauga, Ontario L5N 0B5
Canada

Distribution and Logistics of Adhesives, Sealants, Functional Coatings and Specialties.



Annex to certificate
Registration no.: 069734 QM15

Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

Chile

351263
Henkel Chile Ltda
Av. Laguna Sur No. 9551
9060987 Pudahuel, Santiago
Chile

Marketing & Strategy, Sales, Product Development, Production & Services, Distribution & Logistics of Adhesive, Sealants, Functional Coatings and Specialties with Management System, Technology Operations/ Engineering, and Human Resource as supporting processes.

60301319
Aislantes Nacionales SPA
Carmen Gloria Quintana 220
8700056 Quilicura
Chile

Marketing & Strategy, Sales, Product Development, Production & Services, Distribution & Logistics of Adhesives, Sealants, Functional Coatings and Specialties with Management System, Technology Operations/Engineering and Human Resources as supporting process.

Czech Republic

232732
Henkel ČR, spol. s.r.o.
Boudníkova 2514/5
180 00 Praha 8
Czech Republic

Marketing & Strategy, Sales, Distribution & Logistics of Adhesives, Sealants, Functional Coatings and Specialties with Management System, and Human Resource as supporting processes.

Estonia

489902
Henkel Balti Operations OÜ
Savi 12
80010 Pärnu
Estonia

Production & Services, Distribution & Logistics of Adhesives with Management System, Technology Operations/ Engineering and Human Resource as supporting processes.



Annex to certificate
Registration no.: 069734 QM15

Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

495847
Henkel Balti Operations OÜ
Klaasi 9
50409 Tartu
Estonia

Product Development, Production & Services,
Distribution & Logistics of Adhesives with
Management System, Technology Operations/
Engineering and Human Resource as
supporting processes.

France

443288
Henkel France Operations S.A.
299, Rue Grange Morin - Z.I Nord d'Arnas
69655 Villefranche sur Saone Cedex
France

Production & Services, Distribution & Logistics
of Adhesives, Sealants with Management
System and Technology Operations/
Engineering as supporting processes.

544079
Henkel France Operations SAS
33, Route de Gallardon
28233 Epernon
France

Product Development, Production & Services,
Distribution & Logistics of Sealants with
Management System, Technology Operations/
Engineering, and Human Resource as
supporting processes

Georgia

31624152
Henkel Building Chemicals Georgia
Martkopi, 1320, Gardabani Region
1320 Martkopi
Georgia

Production and Services, Distribution and
Logistics with Management system and
Technology Operations/Engineering as
supporting processes.



Annex to certificate
Registration no.: 069734 QM15

Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

Germany

000547
Henkel AG & Co. KGaA
Henkelstraße 67
40589 Düsseldorf
Germany

Production and Services, Distribution and Logistics of Adhesives, Sealants, Functional Coatings and Specialties with Management System, Technology Operations / Engineering and Human Resource as supporting processes.

063447
Henkel AG & Co. KGaA
Kirchheimer Straße 9
73441 Bopfingen
Germany

Production & Services, Distribution & Logistics of Adhesives and Sealants with Management System, Technology Operations/ Engineering, and Human Resource as supporting processes.

231099
Henkel AG & Co. KGaA
Collardstraße 2
35745 Herborn-Schönbach
Germany

Production & Services of Functional Coatings and Specialties with Management System, Technology Operations/ Engineering, and Human Resource as supporting processes.

231102
Henkel AG & Co. KGaA
Henkel-Teroson-Straße 57
69123 Heidelberg
Germany

Product Development, Production & Services, Distribution & Logistics of Adhesive, Sealants, Functional Coatings and Specialties with Management System, Technology Operations/ Engineering, and Human Resource as supporting processes.

251243
Henkel AG & Co. KGaA
Sichelstraße 1
30453 Hannover
Germany

Production & Services of Adhesives and Sealants with Management System and Technology Operations/ Engineering as supporting processes.



Annex to certificate
Registration no.: 069734 QM15

Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

546100
Henkel AG & Co. KGaA
Öflinger Straße 120
79664 Wehr
Germany

Production & Services, Distribution & Logistics of Adhesives and Sealants with Management System, Technology Operations/ Engineering, and Human Resource as supporting processes.

31601547
Henkel AG & Co. KGaA
Mathias-Brüggen-Straße 126-128
50829 Köln
Germany

Production & Services of Adhesives, Sealants and Specialties with Management System, Technology Operations/Engineering and Human Resources as supporting processes.

Great Britain / U.K.

283160
Henkel UK Operations Ltd.
Henkel Ltd.
Road Five, Winsford Industrial Estate
Winsford, Cheshire CW7 3QY
United Kingdom

Production & Services, Distribution & Logistics of Adhesives, Sealants, Functional Coatings and Specialties with Management System,

472807
Henkel UK Operations Ltd
5 Cromwell Road
St Neots, PE 19 1QL
United Kingdom

Production & Services and Distribution & Logistics of Adhesives and Sealants with and Management System and Technology Operations/ Engineering as supporting process.

540888
Henkel UK Operations Ltd.
Henkel Ltd.
Wood Lane End, Hemel Hempstead
Hertfordshire, HP2 4RQ
United Kingdom

Marketing & Strategy, Sales, Product Development, Delivery & Distribution of Adhesives, Sealants, Functional Coatings and Specialties with Management System and Human Resources as supporting process.



Annex to certificate
Registration no.: 069734 QM15

Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

Greece

277165
Henkel Hellas SA
Kyprou 23
18346 Moschato
Greece

Marketing & Strategy, Sales of Adhesives, Sealants, Functional Coatings, and Specialties with Management System and Human Resources as supporting processes.

412525
Henkel Hellas SA
Loutsa street
19600 Mandra
Greece

Distribution & logistics of Adhesives, Sealants, Functional Coatings, and Specialties with Management System and Human Resources as supporting processes.

Hungary

496208
Henkel Magyarország Operations Kft.
Ragasztógyár és Logisztikai Központ
Üveggyár u. 10.
2851 Környe
Hungary

Production & Services, Distribution & Logistics of Adhesives, Sealants with Management System and Technology Operations/ Engineering and Human Resources as supporting processes.

256037
Henkel Magyarország Kft.
Lechner Ödön fasor 10/b
1095 Budapest
Hungary

Marketing & Strategy, Sales, Distribution & Logistics of Adhesives, Sealants, Functional Coatings and Specialties with Management System, Digital (Infrastructure), Technology Operations/ Engineering, and Human Resource as supporting processes and Strategic Business Steering as the management process.



Annex to certificate
Registration no.: 069734 QM15

Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

India

371291

Henkel Anand India Private Limited
C-22, Sipcot Industrial Park, Irungattukottai,
Sriperumpudur Taluk,
Kancheepuram, Chennai-602117
Chennai, Tamilnadu 602117
India

Design, Production, Distribution & Logistics of
Adhesives, Sealants, and Specialties with
Management System, Technology Operations/
Engineering, and Human Resource as
supporting processes and Strategic Business
Steering as the management process.

50255299

Henkel Anand India Private Limited
D-4/1 Kurkumbh MIDC Daund
Pune, Maharashtra 413802
India

Production, Distribution & Logistics of
Adhesives, Sealants, and Specialties with
Management System, Technology Operations/
Engineering, and Human Resource as
supporting processes and Strategic Business
Steering as the management process

309049

Henkel Adhesives Technologies India
Private Limited
D-3/D-4, M.I.D.C. Industrial Estate, Jejuri
Pune, Maharashtra 412 303
India

Product Development; Production, Distribution
& Logistics of Adhesives, Sealants, and
Specialties with Management System,
Technology Operations/ Engineering, and
Human Resource as supporting processes and
Strategic Business Steering as the
management process.

438402

Henkel Adhesives Technologies India
Private Limited
Plot No 1/1, Part -2, TTC Industrial Area,
Thane Belapur Road,
Koparkhairne, Navi Mumbai
Maharashtra 400710
India

Product Development, Production & Services,
Distribution & Logistics of Adhesives, and
Specialties with Management System,
Technology Operations/ Engineering, and
Human Resource as supporting processes and
Strategic Business Steering as the
management process.



Annex to certificate
Registration no.: 069734 QM15

Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

472053
Henkel Adhesives Technologies India
Private Limited
Plot no. 71 and 72, Sector 3, IIE,
Pantnagar, Rudrapur,
Uttarakhand 263153
India

Production, Distribution & Logistics of
Adhesives, with Management System, and
Human Resource as supporting processes and
Strategic Business Steering as the
management process.

50450141
Henkel Adhesives Technologies India
Private Limited
Survey No 234, 235 and 245, Phase 1,
Hinjewadi
Pune 411057
India

Product Development Services of Adhesives,
Sealants, Functional Coatings and Specialties
with Management System, as supporting
processes and Strategic Business Steering as
the management process.

50451514
Henkel Adhesives Technologies India Pvt
Ltd
D-4/1 and D-4/2, Near to Pune-Solapur
Highway, MIDC Kurkumbh, Daund,
Pune, Maharashtra 413802
India

Production, Distribution & Logistics of
Adhesives, Sealants, Functional Coatings and
Specialties with Management System,
Technology Operations/ Engineering, and
Human Resource as supporting processes and
Strategic Business Steering as the
management process

50260950
Henkel Adhesives Technologies India Pvt.
Ltd.
Adhesives Service Center
Plot No. 10(P), Survey No.234,235 And 245,
India Land-Global Industrial Park, Hinjewadi
Phase-1, Mulshi,
Pune, Maharashtra 411057
India

Product development and Provision of Services
for Adhesives, Sealants, Functional Coatings
and Specialties with Management System as
supporting processes



Annex to certificate
Registration no.: 069734 QM15

Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

Indonesia

214671

PT Henkel Indonesia
Nissi Bintaro Campus, 3rd Floor,
Jl. Tegal Rotan Raya No. 78
Bintaro, Tangerang Selatan
Banten 15413
Indonesia

The Marketing & Strategy, Sales, Production & Services, and Distribution & Logistics of Adhesives, Sealants, Functional Coatings and Specialties, with Management System, Digital (Infrastructure), Technology Operations/ Engineering and Human Resource as supporting processes

438415

PT Henkel Adhesive Technologies
Jl. Rembang Industri Raya No. 26
Kawasan Pier
Parusan 67152
Indonesia

The Marketing & Strategy, Sales, Product Development, Production & Services, and Distribution & Logistics of Adhesives and Sealants, with Management System, Digital (Infrastructure), Technology Operations/ Engineering and Human Resource as supporting processes

463345

PT Henkel Footwear and Speciality Adhesives
Jl. Raya Pajajaran No. 121
Kel. Gandasari Kec. Jatiuwung
Tangerang-Banten 15137
Indonesia

The Marketing & Strategy, Sales, Product Development, Production & Services, and Distribution & Logistics of Adhesives, Functional Coatings and Specialties, with Management System, Digital (Infrastructure), Technology Operations/ Engineering and Human Resources as support processes



Annex to certificate
Registration no.: 069734 QM15

Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

Ireland

308335
Henkel Ireland Operations and Research
Ltd.
Operations and Research Center
Tallaght Business Park,
Whitestown
D24 YH42 Dublin 24
Ireland

Product Development, Production & Services,
Distribution & Logistics of Adhesives, Sealants,
Functional Coatings and Specialties with
Management System, Technology Operations/
Engineering, and Human Resource as
supporting processes and Strategic Business
Steering as the management process.

333542
Henkel Ireland Operations and Research
Ltd.
Kylemore Park North, Ballyfermot
Dublin 10
Ireland

Production & Service of Adhesives and
Specialties.

Italy

092482
Henkel Italia Operations S.r.l.
Via Madrid, 21
24040 Zingonia (Bg)
Italy

Production & Services, Distribution & Logistics
of Adhesive, Sealants, and Functional Coatings
with Management System, Technology
Operations/ Engineering, and Human
Resource as supporting processes.

092483
Henkel Italia Operations S.r.l.
Via Giacomo Puccini 65/67
20059 Casarile
Italy

Product Development, Production & Services,
Distribution & Logistics of Adhesive, Sealants
and Functional Coatings with Management
System, Technology Operations/ Engineering,
and Human Resource as supporting processes.



Annex to certificate
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Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

543165
Henkel Italia S.r.l.
Via Giacomo Puccini, 65/67
20080 Casarile (MI)
Italy

Product Development of Adhesive, Sealants
and Functional Coatings with Management
System as supporting process.

Japan

438372
Henkel Japan Ltd.
Henkel Ablestik Japan Ltd.
825 Kitano Noguchi Kakogawa
Hyogo 675-0011
Japan

The Product Development, Production &
Services, and Distribution & Logistics of
Adhesives, Sealants, Functional Coatings and
Specialties, with Management System and
Technology Operations/ Engineering as
supporting processes, and Strategic Business
Steering as the management process

310331
Henkel Japan Ltd.
27-7 Shin-Isogo-cho, Isogo-ku,
Yokohama-shi,
Kanagawa, Yokohama 235-0017
Japan

The Marketing & Strategy, Sales, Product
Development, and Distribution & Logistics of
Adhesives, Sealants, Functional Coatings and
Specialties, with Management System and
Human Resource as supporting processes

438393
Henkel Japan Ltd.
341 Higashiyama, Otani, Hino-cho,
Gamo-gun, Shiga 529-1608,
Japan

The Product Development, Production &
Services, and Distribution & Logistics of
Adhesives and Sealants, with Management
System and Technology Operations/
Engineering as supporting processes, and
Strategic Business Steering as the
management process



Annex to certificate
Registration no.: 069734 QM15

Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

438394
Henkel Japan Ltd.
1-11-9 Senba-Higashi Minoo-shi,
Osaka 562-8586,
Japan

The Marketing & Strategy, Sales, Product Development, Production & Services, and Distribution & Logistics of Adhesives, with Management System as the supporting process, and Strategic Business Steering as the management process

50452129
Henkel Japan Ltd
100 Kaneda, Atsugi-shi,
Kanagawa 243-0807
Japan

The Marketing & Strategy, Sales, Product Development, Production & Services, and Distribution & Logistics of Sealants, with Management System and Technology Operations/ Engineering as supporting processes, and Strategic Business Steering as the management process

472018
Henkel Ablestik Japan Ltd.
27-7 Shin Isogo-Cho, Isogoku,
Yokohama-Shi, Kanagawa 235-0017,
Japan

The Production & Services, and Distribution & Logistics of Adhesives, with Management System and Technology Operations/ Engineering as supporting processes, and Strategic Business Steering as the management process

Kenya

50254383
Henkel Kenya Ltd
Outer Ring Road, Ruaraka
40050-00100 Nairobi
Kenya

Marketing & Strategy, Sales, Production, Distribution & Logistics of Adhesives, Sealants, Functional Coatings with Management System, and Human Resource as supporting processes and Strategic Business Steering as the management process



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Registration no.: 069734 QM15

Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

Korea

431571
Henkel Korea Limited
Automotive Branch
1298, Daegeum-ro, Geumwang-eup,
Eumseong-gun,
Chungcheongbuk-do, 27632
Korea

The Marketing & Strategy, Sales, Product Development, Production & Services, and Distribution & Logistics of Adhesives, Sealants and Specialties, with Management System and Technology Operations/ Engineering as supporting processes, and Strategic Business Steering as the management process

438378
Henkel Korea Limited
292, Seongnam-ro, Seongnam-myeon,
Dongnam-gu, Cheonan-si,
Chungcheongnam-do, 31246
Korea

The Production & Services, and Distribution & Logistics of Adhesives, with Management System and Technology Operations/Engineering as supporting processes

50452333
Henkel Korea Limited
Electronic Material Branch
1F, 99, Songdogukje-dearo, 343beon-gil
Yeonsu-gu, Incheon 21991
Korea

The Production & Services, and Distribution & Logistics of Adhesives with Management System and Technology Operations/ Engineering as supporting processes

Malaysia

438390
Henkel (Malaysia) Sdn. Bhd.
Lot 8 & 10, Jalan Tukul 16/5,
40000 Shah Alam, Selangor
Malaysia

The Marketing & Strategy, Sales, Production & Services, and Distribution & Logistics of Adhesives, Sealants, Functional Coatings and Specialties, with Management System, Technology Operations/ Engineering and Human Resource as supporting processes



Annex to certificate
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Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

Mexico

059119

Henkel Capital S.A. de C.V.
Henkel Salamanca
Km. 312 Carretera Panamericana
Tramo Salamanca-Celaya, Predio San Isidro
Salamanca, Guanajuato 36778
Mexico

Product Development, Production & Services,
Distribution & Logistics of Adhesives, Sealants,
Functional Coatings and Specialties with
Management System, Technology Operations/
Engineering, and Human Resource as
supporting processes

10008109

Henkel Capital S.A. de C.V.
Planta Toluca AO
Carretera a San Pedro Totoltepec No. 107,
Colonia Coesillos,
Toluca, Edo. de México 50246
Mexico

Marketing & Strategy, Sales, Production &
Services, Distribution & Logistics of Adhesives,
Sealants and Specialties with Management
System, Technology Operations/ Engineering,
and Human Resource as supporting processes

10008110

Henkel Capital S.A. de C.V.
Guadalupe Plant
Av. Industrial #531, Parque industrial FINSA
Guadalupe, Nuevo León 67114
Mexico

Marketing & Strategy, Sales, Production &
Services, Distribution & Logistics of Adhesives,
with Management System, Technology
Operations/ Engineering, and Human
Resource as supporting processes.

10017898

Henkel Capital S.A. de C.V.
Vallejo
Poniente 134, No. 786 Col.
Industrial Vallejo C.P.
02300 Cd. de México,
Mexico

Marketing & Strategy, Sales, Product
Development of Adhesives, Sealants,
Functional Coatings and Specialties with
Management System and Technology
Operations/Engineering as supporting
processes



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Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

Netherlands

445955
Henkel Nederland Operations B.V.
Henkel Nederland BV
Haven NZ 6
9679 TC Scheemda
Netherlands

Production & Services of Functional coatings and Specialties with Management System, Technology Operations/Engineering and Human Resources as supporting processes.

528464
Henkel Global Supply Chain B.V.
Fred. Roeskestraat 100
1076 ED Amsterdam
Netherlands

Production & Services, Distribution & Logistics of Adhesives, Sealants, Functional Coatings and Specialties with Management System, Digital (Infrastructure), Technology Operations/Engineering, and Human Resource as supporting processes and Strategic Business Steering as the management process.

New Zealand

214707
Henkel New Zealand Limited
2 Allens Road, East Tamaki,
2016 Auckland
New Zealand

The Marketing & Strategy, Sales, Product Development, Production & Services, and Distribution & Logistics of Adhesives, Sealants, Functional Coatings and Specialties, with Management System, Technology Operations/Engineering and Human Resource as supporting processes, and Strategic Business Steering as the management process



Annex to certificate
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Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

Philippines

438408
Henkel Philippines, Inc.
LSL Bldg 2, Diode St.,
Light Industry Science Park of the
Philippines 1, Bgy Diezmo, Pulo, Cabuyao,
4025 Laguna
Philippines

The Marketing & Strategy, Sales, Production & Services, and Distribution & Logistics of Adhesives, with Management System, Digital (Infrastructure), Technology Operations/ Engineering and Human Resource as supporting processes

Poland

449761
Henkel Polska Operations Sp. z o.o.
Stara Góra
26-220 Staporkow
Poland

Product Development, Production & Services, Distribution & Logistics of Adhesives and Specialties with Management System, Technology Operations/ Engineering, and Human Resource as supporting processes

449763
Henkel Polska Operations Sp. z o.o.
Pieszyska 6
58-200 Dzierżoniów
Poland

Production & Services, Distribution & Logistics of Adhesives and Specialties with Management System, Technology Operations/ Engineering as supporting processes

Romania

477753
Henkel Romania Operations Srl
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Romania

Product Development, Production & Services, Distribution & Logistics of Adhesive, Sealants, Functional Coatings and Specialties with Management System, Technology Operations/ Engineering as supporting processes and Strategic Business Steering as the management process.



Annex to certificate
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477754
Henkel Romania Operations Srl
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405100 Câmpia Turzii, jud. Cluj
Romania

Production & Services, Distribution & Logistics of Adhesive, Sealants, Functional Coatings and Specialties with Management System, Technology Operations/ Engineering as supporting processes and Strategic Business Steering as the management process.

515906
Henkel Romania Operations Srl
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617390 Roznov, jud. Neamt
Romania

Production & Services, Distribution & Logistics of Adhesive, Sealants, Functional Coatings and Specialties with Management System, Technology Operations/ Engineering as supporting processes and Strategic Business Steering as the management process.

477751
Henkel Romania Srl
str. Ioniță Vornicul nr. 1-7, sector 2,
020325 București
Romania

Marketing & Strategy, Sales, Distribution & Logistics of Adhesive, Sealants, Functional Coatings and Specialties with Management System, Digital (Infrastructure) and Human Resource as supporting processes and Strategic Business Steering as the management process.

477752
Henkel Romania Srl
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014134 București
Romania

Marketing & Strategy, Sales, Product Development, Distribution & Logistics of Adhesive, Sealants, Functional Coatings and Specialties with Management System as supporting processes and Strategic Business Steering as the management process.



Annex to certificate
Registration no.: 069734 QM15

Henkel AG & Co. KGaA

Henkel Adhesive Technologies

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Saudi Arabia

50255977
Henkel Polybit Industries Ltd.
(KSA)
Building No 4676, Secondary No 7694,
Al Khadamat Al
Musanida Dist.,
Dammam,
Saudi Arabia

Production, Distribution & Logistics of
Adhesives, Sealants, Functional Coatings and
Specialties with Management System, and
Human Resource as supporting processes and
Strategic Business Steering as the
management process.

50255978
Henkel Polybit Industries Ltd.
Street # 39, 2nd Industrial City
Dammam, P.O. Box 5911,
Dammam 31432, Eastern Province,
Saudi Arabia

Production & Services, Distribution & Logistics
of Adhesives, Sealants, Functional Coatings and
Specialties with Management System, and
Human Resource as supporting processes and
Strategic Business Steering as the
management process.

Serbia

471433
Henkel Serbia d.o.o.
Save Kovacevica bb
22320 Indija
Serbia

Product Development, Production & Services,
Distribution & Logistics of Adhesives and
Specialties, with Management System,
Technology Operations/ Engineering, and
Human Resource as supporting processes.

Slovakia

495850
Henkel Slovensko spol. s r.o.
Mlynské nivy 55
82109 Bratislava - mestská časť Ružinov
Slovakia

Marketing & Strategy, Sales, Distribution &
Logistics of Adhesives, Sealants, Functional
Coatings and Specialties with Management
System, and Human Resource as supporting
processes.



Annex to certificate
Registration no.: 069734 QM15

Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
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Germany

South Africa

228150
Henkel South Africa (Pty) Ltd.
55 Potgieter Street, Alrode Ext.4
Alberton 1450
South Africa

Marketing & Strategy, Sales, Product Development, Production, Distribution & Logistics of Adhesives, Sealants, Functional Coatings and Specialties with Management System, Technology Operations/ Engineering, and Human Resource as supporting processes and Strategic Business Steering as the management process.

Spain

506605
Henkel Ibérica Operations S.L.U.
Gran Vial nº 15
08170 Montornès del Vallès
Spain

Distribution & Logistics of Adhesives, Sealants, Functional Coatings and Specialties.

214618
Henkel Ibérica Operations S.L.U.
Vial Nord, 2
Concentració Industrial Vallesana
08170 Montornès del Vallès
Spain

Product Development, Production & Services, Distribution & Logistics of Adhesives, Sealants, Functional Coatings and Specialties with Management System, Technology Operations/ Engineering, and Human Resource as supporting processes.

31603980
Henkel Ibérica S.A.
Vial Nord, 2
Concentració Industrial Vallesana
08170 Montornès del Vallès
Spain

Product development of Adhesives, Sealants, Functional Coatings and Specialties.



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Registration no.: 069734 QM15

Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

Sweden

291737
Henkel Norden AB (OY)
Gustavslundsvägen 151 A
167 15 Bromma / Stockholm
Sweden

Marketing & Strategy, Sales, Product
Development, Distribution & Logistics of
Adhesives, Sealants with Management System
as supporting processes.

Switzerland

546101
Henkel Switzerland Operations AG
Gösgerstraße 81
5015 Erlinsbach
Switzerland

Production & Services, Distribution & Logistics
of Adhesives with Management System,
Technology Operations/ Engineering, and
Human Resource as supporting processes.

Thailand

280238
Henkel (Thailand) Ltd.
700/349 Mu6, Amata Nakorn Industrial
Estate, Bangna-Trad, KM.57, Nongmaidaeng,
Muang,
Chonburi 20000
Thailand

The Marketing & Strategy, Sales, Production &
Services, and Distribution & Logistics of
Adhesives, Functional Coatings and Specialties,
with Management System, Digital
(Infrastructure), Technology Operations/
Engineering and Human Resource as
supporting processes

50452188
Henkel (Thailand) Ltd.
253/2 Bangpoo Industrial Estate, Soi 3,
Sukhumvit Road, KM. 34, Praksa,
Muang, Samutprakarn
10280
Thailand

The Marketing & Strategy, Sales, Production &
Services, and Distribution & Logistics of
Sealants and Functional Coatings, with
Management System, Digital (Infrastructure),
Technology Operations/ Engineering and
Human Resource as supporting processes, and
Strategic Business Steering as the
management process



Annex to certificate
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Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

Türkiye

214620
Türk Henkel Kim. San. Ve Tic. A.Ş
Demirciler OSB Mah. Atatürk Bulvarı
No:7/1 Dilovası
41455 Kocaeli
Türkiye

Product Development, Production, of
Adhesives, Sealants, Functional Coatings and
Specialties with Management System, as
supporting processes and Strategic Business
Steering as the management process.

Ukraine

495853
Henkel Bautechnik Ukraine
2, Novopromyslova Str
Vyshgorod
Kiev region 07300
Ukraine

Marketing & Strategy, Sales, Product
Development, Production & Services,
Distribution & Logistics of Adhesives, Sealants,
Functional Coatings and Specialties with
Management System, Digital (Infrastructure),
Technology Operations/ Engineering, and
Human Resource as supporting processes and
Strategic Business Steering as the
management process.

495854
Henkel Bautechnik Ukraine
325, Peremogy Str
Balakliya
Kharkiv region
Ukraine

Production & Services, Distribution & Logistics
of Adhesives, Sealants, Functional Coatings and
Specialties with Management System,
Technology Operations/ Engineering, and
Human Resource as supporting processes.

495855
Henkel Bautechnik Ukraine
17, Promyslova Str,
Oleshky
Kherson region
Ukraine

Production & Services, Distribution & Logistics
of Adhesives, Sealants, Functional Coatings and
Specialties with Management System,
Technology Operations/ Engineering, and
Human Resource as supporting processes.



Annex to certificate
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Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

495856
Henkel Bautechnik Ukraine
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Mykolayiv
Lviv region 81600
Ukraine

Production & Services, Distribution & Logistics
of Adhesives, Sealants, Functional Coatings and
Specialties with Management System,
Technology Operations/ Engineering, and
Human Resource as supporting processes.

United Arab Emirates

50255874
Henkel Polybit Industries Ltd.
Plot No 194
New Industrial Area, Ras Al Khaimah Road
PO Box 293
Umm Al Quwain
United Arab Emirates

Production & Services, Distribution & Logistics
of Adhesives, Sealants, Functional Coatings and
Specialties with Management System, and
Human Resource as supporting processes and
Strategic Business Steering as the
management process.

USA

065076
Henkel US Operations Corporation
1345-1347 Gasket Drive
Elgin, IL 60120
United States of America

Production & Services of adhesives, with
Management Systems as supporting process.

231106
Henkel US Operations Corporation
23343 Sherwood Avenue
Warren, MI 48091
United States of America

The Production & Services of Functional
Coatings with Management Systems and
Technology Operations/Engineering as
supporting process.

231107
Henkel US Operations Corporation
923 Mauldin Road NW
Calhoun, GA 30701
United States of America

Production & Services of Functional Coatings.



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Registration no.: 069734 QM15

Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

231263
Henkel US Operations Corporation
32100 Stephenson Highway
Madison Heights, MI 48071
United States of America

Marketing & Strategy, Sales and Product
Development of Adhesives, Sealants and
Specialties.

255593
Henkel US Operations Corporation
421 London Road
Delaware, OH 43015
United States of America

Production & Services of Functional Coatings
with Management Systems and Technology
Operations/Engineering as supporting
process.

285198
Henkel US Operations Corporation
420 W. Marquette Avenue
Oak Creek, WI 53154
United States of America

Production & Services of Functional Coatings
and Sealants, with Management Systems and
Technology Operations/Engineering as
supporting process.

291669
Henkel US Operations Corporation
Cleveland Manufacturing Facility
18731 Cranwood Parkway
Cleveland, OH 44128
United States of America

Production & Services and Distribution and
Logistics of Adhesives, Sealants and Specialties
with Management Systems and Technology
Operations/Engineering as supporting
process.

291673
Henkel US Operations Corporation
One Henkel Way
Rocky Hill, CT 06067
United States of America

Marketing & Strategy, Sales and Product
Development of Adhesives, Sealants and
Specialties.

291675
Henkel US Operations Corporation
167 Batchelder Road
Seabrook, NH 03874
United States of America

Production & Services of Adhesives, Sealants,
Functional Coatings and Specialties with
Management Systems as a supporting process.



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Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
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Germany

311311
Henkel US Operations Corporation
Adhesives
9 Furman Hall Court
Greenville, SC 29609
United States of America

Production & Services of Adhesives, and
Functional Coatings with Management Systems
as a supporting process.

10001786
Henkel US Operations Corporation
4035 Senator Street
Memphis, TN 38118
United States of America

Production & Services of adhesives, with
Management Systems as a supporting process.

10001787
Henkel US Operations Corporation
Packaging, Consumer Goods and
Construction Adhesives
1350 Taney Street
North Kansas City, MO 64116
United States of America

Production & Services of adhesives.

10001788
Henkel US Operations Corporation
14351 Highway 221
Enoree, SC 29335
United States of America

Production & Services of adhesives.

10001793
Henkel US Operations Corporation
EM Salisbury Process Technology Group
825 Cedar Springs Road
Salisbury, NC 28147
United States of America

Production & Services of Adhesives, and
Specialties with Management Systems and
Technology Operations/Engineering as
supporting process.



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Henkel AG & Co. KGaA

Henkel Adhesive Technologies

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Germany

10001794
Henkel US Operations Corporation
Berkeley Plant
742 Grayson St
Berkeley, CA 94710
United States of America

Production & Services of adhesives.

10001795
Henkel US Operations Corporation
4414 Sarellen Road
Richmond, VA 23231
United States of America

Production & Services of adhesives.

10003936
Henkel US Operations Corporation
Packaging, Consumer Goods and
Construction Adhesives
10 Finderne Ave
Bridgewater, NJ 08807
United States of America

Marketing & Strategy, Sales and Product
Development of Adhesives, with Management
Systems as a supporting process.

10008549
Henkel US Operations Corporation
825 Cedar Springs Road
Salisbury, NC 28147
United States of America

Production & Services of Adhesives, with
Management Systems and Technology
Operations/Engineering as supporting
process.

10008836
Henkel US Operations Corporation
20021 Susana Road
Rancho Dominguez, CA 90221
United States of America

Production & Services and Distribution and
Logistics of Adhesives, Sealants and Specialties
with Management Systems and Technology
Operations/Engineering as supporting
process.

10014227
Henkel US Operations Corporation
1895 Big Timber Road
Elgin, IL 60123
United States of America

Production & Services of Sealants, and
Specialties with Management Systems and
Technology Operations/Engineering as
supporting process.



Annex to certificate
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Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

10014825
Henkel US Operations Corporation
Air Flow Division
18930 West 78th Street
Chanhassen, MN 55317
United States of America

Product Development and Distribution and
Logistics of Adhesives and Specialties.

10018269
Henkel US Operations Corporation
6050 W 51st Street
Chicago, IL 60638
United States of America

Production & Services of Specialties, with
Management Systems and Technology
Operations/Engineering as supporting
process.

10018477
Henkel US Operations Corporation
301 Washington Street W
Cannon Falls, MN 55009
United States of America

Production & Services of Specialties, with
Management Systems and Technology
Operations/Engineering as supporting
process.

10018478
Henkel US Operations Corporation
600 Willow Street
Brandon, SD 57005
United States of America

Production & Services of Specialties, with
Management Systems and Technology
Operations/Engineering as supporting
process.

311297
Henkel Corporation
201 Highway 10 East
Richmond, MO 64085
United States of America

The Production & Services of Adhesives and
Sealants with Management Systems and
Technology Operations/Engineering as
supporting process.

397740
Henkel Corporation
1600 Executive Drive
LaGrange, GA 30240
United States of America

The Production & Services of Adhesives and
Sealants, with Management Systems and
Technology Operations/Engineering as
supporting process.



Annex to certificate
Registration no.: 069734 QM15

Henkel AG & Co. KGaA

Henkel Adhesive Technologies

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40589 Düsseldorf
Germany

10010871
Henkel Corporation
7405 Production Drive
Mentor, OH 44060
United States of America

The Production & Services and Distribution of Adhesives and Sealants, with Management Systems and Technology Operations/Engineering as supporting process.

10011258
Henkel Corporation
14000 Jamboree Road
Irvine, CA 92620
United States of America

Marketing & Strategy, Sales, Product Development of Adhesives, Sealants, Functional Coatings and Specialties.

291668
Henkel Puerto Rico, LLC
9 Vincente Quilichini Ave
Sabana Grande, PR 00637
United States of America

Production & Services of Functional Coatings, Sealants and Specialties, with Management Systems and Technology Operations/Engineering as supporting process.

Vietnam

463368
Henkel Adhesive Technologies Vietnam Co., Ltd
No 7, Road 9A, Bien Hoa II Industrial Zone,
Bien Hoa City,
Dong Nai Province
Vietnam

The Marketing & Strategy, Sales, Production & Services, and Distribution & Logistics of Adhesives, Sealants, Functional Coatings and Specialties, with Management system, Digital (Infrastructure), Technology Operations/ engineering and Human Resource as supporting processes



CERTIFICATE



This is to certify that

Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

with the organizational units/sites as listed in the annex

has implemented and maintains an Environmental Management System.

Scope:

Marketing & Strategy, Sales, Product Development, Production & Services, Distribution & Logistics of Adhesives, Sealants, Functional Coatings and Specialties with Management System, Digital (Infrastructure), Technology Operations/ Engineering, and Human Resource as supporting processes and Strategic Business Steering as the management process.

Through an audit, documented in a report, it was verified that the management system fulfills the requirements of the following standard:

ISO 14001 : 2015

Certificate registration no.	069734 UM15
Date of revision	2025-12-18
Date of certification	2024-08-02
Valid until	2027-08-30

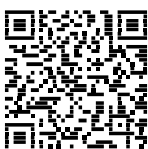


DQS GmbH

DQS IS A MEMBER OF



Guido Eggers
Managing Director





Annex to certificate
Registration no.: 069734 UM15

Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

Location

Scope

Argentina

464416
Henkel Argentina S.A.
Ruta Nacional 5 km 159,5
Parque Industrial Chivilcoy
B6620 - Chivilcoy, Buenos Aires
Argentina

Production & Services, Distribution & Logistics of Adhesives, Functional Coatings and Specialties with Management System and Technology Operations/ Engineering as supporting processes.

Australia

214691
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Victoria 3137
Australia

The Marketing & Strategy, Sales, Product Development, Production & Services, and Distribution & Logistics of Adhesives, Sealants, Functional Coatings and Specialties, with Management System, Technology Operations/ Engineering and Human Resource as supporting processes, and Strategic Business Steering as the management process

463364
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New South Wales 2147
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The Marketing & Strategy, Sales, Product Development, Production & Services, and Distribution & Logistics of Adhesives, Sealants, Functional Coatings and Specialties, with Management System and Technology Operations/ Engineering as supporting processes, and Strategic Business Steering as the management process



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Henkel AG & Co. KGaA

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Henkelstraße 67
40589 Düsseldorf
Germany

Austria

255097
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Erdbergstraße 29
1030 Wien
Austria

Marketing & Strategy, Sales, Product Development, Distribution & Logistics of Adhesives, Sealants, Functional Coatings and Specialties with Management System, and Human Resource as supporting processes.

31600779
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Product Development, Production & Services, Distribution & Logistics of Specialties with Management System, Technology Operations/ Engineering, and Human Resource as supporting processes

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6912 Hörbranz
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Production & Services of Adhesives and Sealants with Management System, Technology Operations/ Engineering as supporting process

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Henkel Belgium N.V.
Anderlechtstraat 33
1620 Drogenbos
Belgium

Product Development, Production & Services, Distribution & Logistics of Adhesives with Management System, Technology Operations/ Engineering, and Human Resource as supporting processes.



Annex to certificate
Registration no.: 069734 UM15

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Germany

436788
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2260 Westerlo
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Product Development, Production & Services,
Distribution & Logistics of Adhesives, Sealants,
Functional Coatings and Specialties with
Management System, Technology Operations/
Engineering, and Human Resource as
supporting processes.

492154
Henkel Belgium N.V.
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Product Development of Adhesive, Sealants,
Functional Coatings and Specialties with
Management System as supporting process.

Bosnia and Herzegovina

529023
Henkel Adhezivi BH d.o.o.
Drakuljica bb
89230 Bileca
Bosnia and Herzegovina

Production & Services, Distribution & Logistics
of Adhesives and Specialties, with
Management System, Technology Operations/
Engineering as supporting process.

Brazil

297456
Henkel Ltda.
Av. Prof Vernon Kriebler, 91
06690-250 Itapevi - Sao Paulo
Brazil

Marketing & Strategy, Sales, Product
Development, Production & Services,
Distribution & Logistics of Adhesives, Sealants,
Functional Coatings and Specialties with
Management System, Technology Operations/
Engineering as supporting processes.



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464513
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Av. José Alves de Oliveira,
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13213-105 Jundiaí, SP
Brazil

Product Development, Production & Services
and Distribution & Logistics of Adhesive,
Sealants, Functional Coatings and Specialties
with Management System, Technology
Operations/ Engineering as supporting
process

Bulgaria

495844
Henkel Bulgaria Operations EOOD
Henkel Bulgaria EOOD
Proizvodstvena zona, District Sofia-grad,
Municipality; Novi Iskar
1289 Mirovjane Village
Bulgaria

Marketing & Strategy, Sales, Product
Development, Production & Services,
Distribution & Logistics of Adhesives and
Specialties with Management System,
Technology Operations/ Engineering, and
Human Resource as supporting processes

Canada

10010102
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Distribution and Logistics of Adhesives,
Sealants, Functional Coatings and Specialties.

Chile

351263
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9060987 Pudahuel, Santiago
Chile

Marketing & Strategy, Sales, Product
Development, Production & Services,
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Functional Coatings and Specialties with
Management System, Technology Operations/
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60301319
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Carmen Gloria Quintana 220
8700056 Quilicura
Chile

Marketing & Strategy, Sales, Product Development, Production & Services, Distribution & Logistics of Adhesives, Sealants, Functional Coatings and Specialties with Management System, Technology Operations/Engineering and Human Resources as supporting process.

Czech Republic

232732
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Czech Republic

Marketing & Strategy, Sales, Distribution & Logistics of Adhesives, Sealants, Functional Coatings and Specialties with Management System, and Human Resource as supporting processes.

Estonia

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Estonia

Production & Services, Distribution & Logistics of Adhesives with Management System, Technology Operations/ Engineering and Human Resource as supporting processes.

495847
Henkel Balti Operations OÜ
Klaasi 9
50409 Tartu
Estonia

Product Development, Production & Services, Distribution & Logistics of Adhesives with Management System, Technology Operations/ Engineering and Human Resource as supporting processes.



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69655 Villefranche sur Saone Cedex
France

Production & Services, Distribution & Logistics
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System and Technology Operations/
Engineering as supporting processes.

544079
Henkel France Operations SAS
33, Route de Gallardon
28233 Epernon
France

Product Development, Production & Services,
Distribution & Logistics of Sealants with
Management System, Technology Operations/
Engineering, and Human Resource as
supporting processes

Georgia

31624152
Henkel Building Chemicals Georgia
Martkopi, 1320, Gardabani Region
1320 Martkopi
Georgia

Production and Services, Distribution and
Logistics with Management system and
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supporting processes.

Germany

000547
Henkel AG & Co. KGaA
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Germany

Production and Services, Distribution and
Logistics of Adhesives, Sealants, Functional
Coatings and Specialties with Management
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and Human Resource as supporting processes.



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231099
Henkel AG & Co. KGaA
Collardstraße 2
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Production & Services of Functional Coatings and Specialties with Management System, Technology Operations/ Engineering, and Human Resource as supporting processes.

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Henkel-Teroson-Straße 57
69123 Heidelberg
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Product Development, Production & Services, Distribution & Logistics of Adhesive, Sealants, Functional Coatings and Specialties with Management System, Technology Operations/ Engineering, and Human Resource as supporting processes.

251243
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Sichelstraße 1
30453 Hannover
Germany

Production & Services of Adhesives and Sealants with Management System and Technology Operations/ Engineering as supporting processes.

546100
Henkel AG & Co. KGaA
Öflinger Straße 120
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Production & Services, Distribution & Logistics of Adhesives and Sealants with Management System, Technology Operations/ Engineering, and Human Resource as supporting processes.

31601547
Henkel AG & Co. KGaA
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50829 Köln
Germany

Production & Services, Distribution & Logistics of Specialties with Management System, Technology Operation / Engineering, and Human Resource as supporting processes.



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Great Britain / U.K.

283160
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Production & Services, Distribution & Logistics
of Adhesives, Sealants, Functional Coatings and
Specialties with Management System,

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Henkel Ltd.
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United Kingdom

Marketing & Strategy, Sales, Product
Development, Delivery & Distribution of
Adhesives, Sealants, Functional Coatings and
Specialties with Management System and
Human Resources as supporting process.

472807
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Production & Services and Distribution &
Logistics of Adhesives and Sealants with and
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Operations/ Engineering as supporting
process

Greece

277165
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Kyprou 23
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Greece

Marketing & Strategy, Sales of Adhesives,
Sealants, Functional Coatings, and Specialties
with Management System and Human
Resources as supporting processes.

412525
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19600 Mandra
Greece

Distribution & logistics of Adhesives, Sealants,
Functional Coatings, and Specialties with
Management System and Human Resources as
supporting processes.



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Hungary

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Ragasztógyár és Logisztikai Központ
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Production & Services, Distribution & Logistics of Adhesives, Sealants with Management System and Technology Operations/ Engineering and Human Resources as supporting processes.

India

371291
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Kancheepuram, Chennai-602117
Chennai, Tamilnadu 602117
India

Production, Distribution & Logistics of Adhesives, Sealants, and Specialties with Management System, Technology Operations/ Engineering, and Human Resource as supporting processes and Strategic Business Steering as the management process.

50255299
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Pune, Maharashtra 413802
India

Production, Distribution & Logistics of Adhesives, Sealants, and Specialties with Management System, Technology Operations/ Engineering, and Human Resource as supporting processes and Strategic Business Steering as the management process

309049
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Production, Distribution & Logistics of Adhesives, Sealants, and Specialties with Management System, Technology Operations/ Engineering, and Human Resource as supporting processes and Strategic Business Steering as the management process.



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Product Development, Production & Services,
Distribution & Logistics of Adhesives, and
Specialties with Management System,
Technology Operations/ Engineering, and
Human Resource as supporting processes and
Strategic Business Steering as the
management process.

472053

Henkel Adhesives Technologies India
Private Limited
Plot no. 71 and 72, Sector 3, IIE,
Pantnagar, Rudrapur,
Uttarakhand 263153
India

Production, Distribution & Logistics of
Adhesives, with Management System, and
Human Resource as supporting processes and
Strategic Business Steering as the
management process.

50450141

Henkel Adhesives Technologies India
Private Limited
Survey No 234, 235 and 245, Phase 1,
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Pune 411057
India

The environmental activities and supporting
processes associated with Product
Development Services of Adhesives, Sealants,
Functional Coatings and Specialties with
Management System, as supporting processes
and Strategic Business Steering as the
management process.

50451514

Henkel Adhesives Technologies India Pvt Ltd
D-4/1 and D-4/2, Near to Pune-Solapur
Highway, MIDC Kurkumbh, Daund,
Pune, Maharashtra 413802
India

Production, Distribution & Logistics of
Adhesives, Sealants, Functional Coatings and
Specialties with Management System,
Technology Operations/ Engineering, and
Human Resource as supporting processes and
Strategic Business Steering as the
management process



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The Marketing & Strategy, Sales, Product Development, Production & Services, and Distribution & Logistics of Adhesives and Sealants, with Management System, Digital (Infrastructure), Technology Operations/ Engineering and Human Resource as supporting processes

463345
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Ireland

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Product Development, Production & Services, Distribution & Logistics of Adhesives, Sealants, Functional Coatings and Specialties with Management System, Technology Operations/ Engineering, and Human Resource as supporting processes and Strategic Business Steering as the management process.

333542
Henkel Ireland Operations and Research Ltd.
Kylemore Park North, Ballyfermot
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Production & Service of Adhesives and Specialties.



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Product Development of Adhesive, Sealants and Functional Coatings with Management System as supporting process.

Japan

438372
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Henkel Ablestik Japan Ltd.
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Japan

The Product Development, Production & Services, and Distribution & Logistics of Adhesives, Sealants, Functional Coatings and Specialties, with Management System and Technology Operations/ Engineering as supporting processes, and Strategic Business Steering as the management process



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Kanagawa, Yokohama 235-0017
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438393
Henkel Japan Ltd.
341 Higashiyama, Otani, Hino-cho,
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Japan

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50452129
Henkel Japan Ltd
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Japan

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472018
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Japan

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Kenya

Marketing & Strategy, Sales, Production,
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Functional Coatings with Management System,
and Human Resource as supporting processes
and Strategic Business Steering as the
management process

Korea

431571
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Automotive Branch
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Chungcheongbuk-do, 27632
Korea

The Marketing & Strategy, Sales, Product
Development, Production & Services, and
Distribution & Logistics of Adhesives, Sealants
and Specialties, with Management System and
Technology Operations/ Engineering as
supporting processes, and Strategic Business
Steering as the management process

438378
Henkel Korea Limited
292, Seongnam-ro, Seongnam-myeon,
Dongnam-gu, Cheonan-si,
Chungcheongnam-do, 31246
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Logistics of Adhesives, with Management
System and Technology
Operations/Engineering as supporting
processes

50452333
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Korea

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Mexico

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Henkel Capital S.A. de C.V.
Henkel Salamanca
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Mexico

Product Development, Production & Services, Distribution & Logistics of Adhesives, Sealants, Functional Coatings and Specialties with Management System, Technology Operations/ Engineering, and Human Resource as supporting processes

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Colonia Coesillos,
Toluca, Edo. de México 50246
Mexico

Marketing & Strategy, Sales, Production & Services, Distribution & Logistics of Adhesives, Sealants and Specialties with Management System, Technology Operations/ Engineering, and Human Resource as supporting processes

10008110
Henkel Capital S.A. de C.V.
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Av. Industrial #531, Parque industrial FINSA
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Henkel Nederland BV
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9679 TC Scheemda
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Production & Services of Functional coatings and Specialties with Management System, Technology Operations/Engineering and Human Resources as supporting processes.

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Netherlands

Production & Services, Distribution & Logistics of Adhesives, Sealants, Functional Coatings and Specialties with Management System, Digital (Infrastructure), Technology Operations/Engineering, and Human Resource as supporting processes and Strategic Business Steering as the management process.

New Zealand

214707
Henkel New Zealand Limited
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New Zealand

The Marketing & Strategy, Sales, Product Development, Production & Services, and Distribution & Logistics of Adhesives, Sealants, Functional Coatings and Specialties, with Management System, Technology Operations/Engineering and Human Resource as supporting processes, and Strategic Business Steering as the management process



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Poland

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Poland

Product Development, Production & Services, Distribution & Logistics of Adhesives and Specialties with Management System, Technology Operations/ Engineering, and Human Resource as supporting processes

449763
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Production & Services, Distribution & Logistics of Adhesives and Specialties with Management System, Technology Operations/ Engineering as supporting processes

Romania

477753
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Product Development, Production & Services, Distribution & Logistics of Adhesive, Sealants, Functional Coatings and Specialties with Management System, Technology Operations/ Engineering as supporting processes and Strategic Business Steering as the management process.



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515906
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477751
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477752
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Production, Distribution & Logistics of
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Strategic Business Steering as the
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Production & Services, Distribution & Logistics
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Specialties with Management System, and
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Serbia

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Product Development, Production & Services,
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495850
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Slovakia

Marketing & Strategy, Sales, Distribution &
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Coatings and Specialties with Management
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Spain

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214618
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08170 Montornès del Vallès
Spain

Product Development, Production & Services, Distribution & Logistics of Adhesives, Sealants, Functional Coatings and Specialties with Management System, Technology Operations/ Engineering, and Human Resource as supporting processes.

31603980
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08170 Montornès del Vallès
Spain

Product development of Adhesives, Sealants, Functional Coatings and Specialties.



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Switzerland

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Specialties, with Management System, Digital
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10280
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Services, and Distribution & Logistics of
Sealants and Functional Coatings, with
Management System, Digital (Infrastructure),
Technology Operations/ Engineering and
Human Resource as supporting processes, and
Strategic Business Steering as the
management process.



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Türkiye

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41455 Kocaeli
Türkiye

Production, of Adhesives, Sealants, Functional Coatings and Specialties with Management System, Digital (Infrastructure), as supporting processes and Strategic Business Steering as the management process

214648

Türk Henkel Kim. San. Ve Tic. A.Ş
Head Office
Fatih Sultan Mehmet Mah. Poligon Cad.
No:8 Buyaka2 Sitesi C Blok Kat: 11-14
Tepeüstü Ümraniye 34771, Istanbul
Türkiye

Marketing & Strategy, Sales, Distribution & Logistics of Adhesives, Sealants, Functional Coatings and Specialties with Management System, and Human Resource as supporting processes and Strategic Business Steering as the management process.

378724

Türk Henkel Kim. San. Ve Tic. A.Ş
İstanbul Deri Organize Sanayi Bölgesi
Nokra Cad. G-3 Parsel No:5
34956 Tuzla
Türkiye

Production, of Adhesives, Sealants, Functional Coatings and Specialties with Management System, as supporting processes and Strategic Business Steering as the management process

Ukraine

495853

Henkel Bautechnik Ukraine
2, Novopromyslova Str
Vyshgorod
Kiev region 07300
Ukraine

Marketing & Strategy, Sales, Product Development, Production & Services, Distribution & Logistics of Adhesives, Sealants, Functional Coatings and Specialties with Management System, Digital (Infrastructure), Technology Operations/ Engineering, and Human Resource as supporting processes and Strategic Business Steering as the management process.



Annex to certificate
Registration no.: 069734 UM15

Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

495854
Henkel Bautechnik Ukraine
325, Peremogy Str
Balakliya
Kharkiv region
Ukraine

Production & Services, Distribution & Logistics
of Adhesives, Sealants, Functional Coatings and
Specialties with Management System,
Technology Operations/ Engineering, and
Human Resource as supporting processes.

495855
Henkel Bautechnik Ukraine
17, Promyslova Str,
Oleshky
Kherson region
Ukraine

Production & Services, Distribution & Logistics
of Adhesives, Sealants, Functional Coatings and
Specialties with Management System,
Technology Operations/ Engineering, and
Human Resource as supporting processes.

495856
Henkel Bautechnik Ukraine
5, Lvivske Shose Str
Mykolayiv
Lviv region 81600
Ukraine

Production & Services, Distribution & Logistics
of Adhesives, Sealants, Functional Coatings and
Specialties with Management System,
Technology Operations/ Engineering, and
Human Resource as supporting processes.

United Arab Emirates

50255874
Henkel Polybit Industries Ltd.
Plot No 194
New Industrial Area, Ras Al Khaimah Road
PO Box 293
Umm Al Quwain
United Arab Emirates

Production & Services, Distribution & Logistics
of Adhesives, Sealants, Functional Coatings and
Specialties with Management System, and
Human Resource as supporting processes and
Strategic Business Steering as the
management process.



Annex to certificate
Registration no.: 069734 UM15

Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

USA

065076
Henkel US Operations Corporation
1345-1347 Gasket Drive
Elgin, IL 60120
United States of America

Production & Services of adhesives, with
Management Systems as supporting process.

231106
Henkel US Operations Corporation
23343 Sherwood Avenue
Warren, MI 48091
United States of America

The Production & Services of Functional
Coatings with Management Systems and
Technology Operations/Engineering as
supporting process.

231107
Henkel US Operations Corporation
923 Mauldin Road NW
Calhoun, GA 30701
United States of America

Production & Services of Functional Coatings.

255593
Henkel US Operations Corporation
421 London Road
Delaware, OH 43015
United States of America

Production & Services of Functional Coatings
with Management Systems and Technology
Operations/Engineering as supporting
process.

285198
Henkel US Operations Corporation
420 W. Marquette Avenue
Oak Creek, WI 53154
United States of America

Production & Services of Functional Coatings
and Sealants, with Management Systems and
Technology Operations/Engineering as
supporting process.



Annex to certificate
Registration no.: 069734 UM15

Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

291669
Henkel US Operations Corporation
Cleveland Manufacturing Facility
18731 Cranwood Parkway
Cleveland, OH 44128
United States of America

Production & Services and Distribution and Logistics of Adhesives, Sealants and Specialties with Management Systems and Technology Operations/Engineering as supporting process.

291675
Henkel US Operations Corporation
167 Batchelder Road
Seabrook, NH 03874
United States of America

Production & Services of Adhesives, Sealants, Functional Coatings and Specialties with Management Systems as a supporting process.

311311
Henkel US Operations Corporation
Adhesives
9 Furman Hall Court
Greenville, SC 29609
United States of America

Production & Services of Adhesives, and Functional Coatings with Management Systems as a supporting process.

343635
Henkel US Operations Corporation
Adhesives Technologies
2850 Willow Pass Rd
Bay Point, CA 94565
United States of America

Product Development, Production and Services and Distribution and Logistics of Adhesives and Specialties with Management Systems, Technology Operations/Engineering and Human Resources as a supporting process.

10001786
Henkel US Operations Corporation
4035 Senator Street
Memphis, TN 38118
United States of America

Production & Services of adhesives, with Management Systems as a supporting process.



Annex to certificate
Registration no.: 069734 UM15

Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

10001787
Henkel US Operations Corporation
Packaging, Consumer Goods and
Construction Adhesives
1350 Taney Street
North Kansas City, MO 64116
United States of America

Production & Services of adhesives.

10001788
Henkel US Operations Corporation
14351 Highway 221
Enoree, SC 29335
United States of America

Production & Services of adhesives.

10001793
Henkel US Operations Corporation
EM Salisbury Process Technology Group
825 Cedar Springs Road
Salisbury, NC 28147
United States of America

Production & Services of Adhesives, and
Specialties with Management Systems and
Technology Operations/Engineering as
supporting process.

10001794
Henkel US Operations Corporation
Berkeley Plant
742 Grayson St
Berkeley, CA 94710
United States of America

Production & Services of adhesives.

10001795
Henkel US Operations Corporation
4414 Sarellen Road
Richmond, VA 23231
United States of America

Production & Services of adhesives.

10008549
Henkel US Operations Corporation
825 Cedar Springs Road
Salisbury, NC 28147
United States of America

Production & Services of Adhesives, with
Management Systems and Technology
Operations/Engineering as supporting
process.



Annex to certificate
Registration no.: 069734 UM15

Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

10008836
Henkel US Operations Corporation
20021 Susana Road
Rancho Dominguez, CA 90221
United States of America

Production & Services and Distribution and Logistics of Adhesives, Sealants and Specialties with Management Systems and Technology Operations/Engineering as supporting process.

10018269
Henkel US Operations Corporation
6050 W 51st Street
Chicago, IL 60638
United States of America

Production & Services of Specialties, with Management Systems and Technology Operations/Engineering as supporting process.

10018477
Henkel US Operations Corporation
301 Washington Street W
Cannon Falls, MN 55009
United States of America

Production & Services of Specialties, with Management Systems and Technology Operations/Engineering as supporting process.

10018478
Henkel US Operations Corporation
600 Willow Street
Brandon, SD 57005
United States of America

Production & Services of Specialties, with Management Systems and Technology Operations/Engineering as supporting process.

311297
Henkel Corporation
201 Highway 10 East
Richmond, MO 64085
United States of America

The Production & Services of Adhesives and Sealants with Management Systems and Technology Operations/Engineering as supporting process.

397740
Henkel Corporation
1600 Executive Drive
LaGrange, GA 30240
United States of America

The Production & Services of Adhesives and Sealants, with Management Systems and Technology Operations/Engineering as supporting process.



Annex to certificate
Registration no.: 069734 UM15

Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

10010871
Henkel Corporation
7405 Production Drive
Mentor, OH 44060
United States of America

The Production & Services and Distribution of
Adhesives and Sealants, with Management
Systems and Technology
Operations/Engineering as supporting
process.

291668
Henkel Puerto Rico, LLC
9 Vincente Quilichini Ave
Sabana Grande, PR 00637
United States of America

Production & Services of Functional Coatings,
Sealants and Specialties, with Management
Systems and Technology
Operations/Engineering as supporting
process.

Vietnam

463368
Henkel Adhesive Technologies Vietnam Co.,
Ltd
No 7, Road 9A, Bien Hoa II Industrial Zone,
Bien Hoa City,
Dong Nai Province
Vietnam

The Marketing & Strategy, Sales, Production &
Services, and Distribution & Logistics of
Adhesives, Sealants, Functional Coatings and
Specialties, with Management System, Digital
(Infrastructure), Technology Operations/
Engineering and Human Resource as
supporting processes



CERTIFICATE



This is to certify that

Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

with the organizational units/sites as listed in the annex

has implemented and maintains an **Energy Management System**.

Scope:

Marketing & Strategy, Sales, Product Development, Production & Services, Distribution & Logistics of Adhesives, Sealants, Functional Coatings and Specialties with Management System, Digital (Infrastructure), Technology Operations/ Engineering, and Human Resource as supporting processes and Strategic Business Steering as the management process.

Through an audit, documented in a report, it was verified that the management system fulfills the requirements of the following standard:

ISO 50001 : 2018

Certificate registration no.	069734 EMSt21
Date of revision	2025-03-19
Valid from	2023-06-09
Valid until	2026-06-08
Date of certification	2025-03-19



DQS GmbH

Christian Gerling
Managing Director

DQS IS A MEMBER OF





Annex to certificate
Registration no.: 069734 EMSt21

Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

Location

Scope

Belgium

505746
Henkel Belgium Operations N.V.
Henkel Belgium N.V
Anderlechtstraat 33
1620 Drogenbos
Belgium

Product Development, Production & Services,
Distribution & Logistics of Adhesives with
Management System, Technology Operations/
Engineering, and Human Resource as
supporting processes

Brazil

464513
Henkel Ltda.
Av. José Alves de Oliveira,
1000 - Distr. Industrial Fazenda Grande
13213-105 Jundiaí, SP
Brazil

Product Development, Production & Services
and Distribution & Logistics of Adhesive,
Sealants, Functional Coatings and Specialties
with Management System, Technology
Operations/ Engineering as supporting
process.

Chile

60301319
Aislantes Nacionales SPA
Carmen Gloria Quintana 220
8700056 Quilicura
Chile

Marketing & Strategy, Sales, Product
Development, Production & Services,
Distribution & Logistics of Adhesives, Sealants,
Functional Coatings and Specialties with
Management System, Technology
Operations/Engineering and Human Resources
as supporting process.



Annex to certificate
Registration no.: 069734 EMSt21

Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

France

443288

Henkel France Operations S.A.
299, Rue Grange Morin - Z.I Nord d'Arnas
69655 Villefranche sur Saone Cedex
France

Production & Services, Distribution & Logistics of Adhesives, Sealants with Management System and Technology Operations/ Engineering as supporting processes.

544079

Henkel France Operations SAS
33, Route de Gallardon
28233 Epernon
France

Product Development, Production & Services, Distribution & Logistics of Sealants with Management System and Technology Operations/ Engineering as supporting processes

Germany

000547

Henkel AG & Co. KGaA
Henkelstraße 67
40589 Düsseldorf
Germany

Production and Services, Distribution and Logistics of Adhesives, Sealants, Functional Coatings and Specialties with Management System, Technology Operations / Engineering and Human Resource as supporting processes.

063447

Henkel AG & Co. KGaA
Kirchheimer Straße 9
73441 Bopfingen
Germany

Production & Services, Distribution & Logistics of Adhesives and Sealants with Management System, Technology Operations/ Engineering, and Human Resource as supporting processes

231099

Henkel AG & Co. KGaA
Collardinstraße 2
35745 Herborn-Schönbach
Germany

Production & Services of Functional Coatings and Specialties with Management System, Technology Operations/ Engineering, and Human Resource as supporting processes.



Annex to certificate
Registration no.: 069734 EMSt21

Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

231102

Henkel AG & Co. KGaA
Henkel-Teroson-Straße 57
69123 Heidelberg
Germany

Product Development, Production & Services,
Distribution & Logistics of Adhesive, Sealants,
Functional Coatings and Specialties with
Management System, Technology Operations/
Engineering, and Human Resource as
supporting processes

251243

Henkel AG & Co. KGaA
Sichelstraße 1
30453 Hannover
Germany

Production & Services of Adhesives and
Sealants with Management System and
Technology Operations/ Engineering as
supporting processes.

513928

Henkel AG & Co. KGaA
Infrastructure Services
Henkelstraße 67
40589 Düsseldorf
Germany

Production & Services of specialties with
management system as supporting process.

Hungary

496208

Henkel Magyarország Operations Kft.
Ragasztógyár és Logisztikai Központ
Üveggyár u. 10.
2851 Környe
Hungary

Production & Services, Distribution & Logistics
of Adhesives, Sealants with Management
System and Technology Operations/
Engineering and Human Resources as
supporting processes.



Annex to certificate
Registration no.: 069734 EMSt21

Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

India

371291

Henkel Anand India Private Limited
C-22, Sipcot Industrial Park, Irungattukottai,
Sriperumpudur Taluk,
Kancheepuram, Chennai-602117
Chennai, Tamilnadu 602117
India

Production, Distribution & Logistics of Adhesives, Sealants, and Specialties with Management System, Technology Operations/ Engineering, and Human Resource as supporting processes and Strategic Business Steering as the management process.

50255299

Henkel Anand India Private Limited
D-4/1 Kurkumbh MIDC Daund
Pune, Maharashtra 413802
India

Production, Distribution & Logistics of Adhesives, Functional Coatings and Specialties with Management System, Technology Operations/ Engineering, and Human Resource as supporting processes and Strategic Business Steering as the management Process

438402

Henkel Adhesives Technologies India
Private Limited
Plot No 1/1, Part -2, TTC Industrial Area,
Thane Belapur Road,
Koparkhairne, Navi Mumbai
Maharashtra 400710
India

Product Development, Production & Services, Distribution & Logistics of Adhesives, and Specialties with Management System, Technology Operations/ Engineering, and Human Resource as supporting processes and Strategic Business Steering as the management process.

472053

Henkel Adhesives Technologies India
Private Limited
Plot no. 71 and 72, Sector 3, IIE,
Pantnagar, Rudrapur,
Uttarakhand 263153
India

Production, Distribution & Logistics of Adhesives with Management System, Technology Operations/Engineering and Human Resource as supporting processes and Strategic Business Steering as the management process



Annex to certificate
Registration no.: 069734 EMSt21

Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

50451514

Henkel Adhesives Technologies India Pvt Ltd
D-4/1 and D-4/2, Near to Pune-Solapur
Highway, MIDC Kurkumbh, Daund,
Pune, Maharashtra 413802
India

Production, Distribution & Logistics of Adhesives, Sealants, Functional Coatings and Specialties with Management System, Technology Operations/ Engineering, and Human Resource as supporting processes and Strategic Business Steering as the management process

Indonesia

438415

PT Henkel Adhesive Technologies
Jl. Rembang Industri Raya No. 26
Kawasan Pier
Parusan 67152
Indonesia

The Energy activities and supporting processes associated with the Production & Service, Distribution & Logistics of Adhesives and Sealants, with Management System, Technology and Operation Engineering, Human Resources as supporting processes.

Ireland

308335

Henkel Ireland Operations and Research Ltd.
Operations and Research Center
Tallaght Business Park,
Whitestown
D24 YH42 Dublin 24
Ireland

Product development, production & services, distribution & logistics, sealants, functional coatings and specialties with management system, technology operations/engineering and human resource as support processes and strategic business as the management process.

333542

Henkel Ireland Operations and Research Ltd.
Kylemore Park North, Ballyfermot
Dublin 10
Ireland

Production & Service of Adhesives and Specialties



Annex to certificate
Registration no.: 069734 EMSt21

Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

Italy

092483

Henkel Italia Operations S.r.l.
Via Giacomo Puccini 65/67
20059 Casarile
Italy

Product Development, Production & Services,
Distribution & Logistics of Adhesive, Sealants
and Functional Coatings with Management
System, Technology Operations/ Engineering,
and Human Resource as supporting processes

543165

Henkel Italia S.r.l.
Via Giacomo Puccini, 65/67
20080 Casarile (MI)
Italy

Product Development of Adhesive, Sealants
and Functional Coatings with Management
System as supporting process

Kenya

50254383

Henkel Kenya Ltd
Outer Ring Road, Ruaraka
40050-00100 Nairobi
Kenya

Product Development; Production, Distribution
& Logistics of Adhesives, Sealants, Functional
Coatings and Specialties with Management
System, Technology Operations/ Engineering,
and Human Resource as supporting processes
and Strategic Business Steering as the
management process

Mexico

059119

Henkel Capital S.A. de C.V.
Henkel Salamanca
Km. 312 Carretera Panamericana
Tramo Salamanca-Celaya, Predio San Isidro
Salamanca, Guanajuato 36778
Mexico

Product Development, Production & Services,
Distribution & Logistics of Adhesives, Sealants,
Functional Coatings and Specialties with
Management System, Technology Operations/
Engineering, and Human Resource as
supporting processes



Annex to certificate
Registration no.: 069734 EMSt21

Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

Netherlands

445955

Henkel Nederland Operations B.V.
Henkel Nederland BV
Haven NZ 6
9679 TC Scheemda
Netherlands

Production & Services of Functional coatings and Specialties with Management System, Technology Operations/Engineering and Human Resources as supporting processes

Romania

477753

Henkel Romania Operations Srl
Șoseaua de centură nr. 78,
077145 Pantelimon, jud. Ilfov
Romania

Product Development, Production & Services, Distribution & Logistics of Adhesive, Sealants, Functional Coatings and Specialties with Management System, Technology Operations/Engineering as supporting processes and Strategic Business Steering as the management process.

477754

Henkel Romania Operations Srl
str. Iancu Jianu nr. 33
405100 Câmpia Turzii, jud. Cluj
Romania

Production & Services, Distribution & Logistics of Adhesive, Sealants, Functional Coatings and Specialties with Management System, Technology Operations/ Engineering as supporting processes and Strategic Business Steering as the management process.

515906

Henkel Romania Operations Srl
str Paltinului nr. 1392
617390 Roznov, jud. Neamt
Romania

Production & Services, Distribution & Logistics of Adhesive, Sealants, Functional Coatings and Specialties with Management System, Technology Operations/ Engineering as supporting processes and Strategic Business Steering as the management process.



Annex to certificate
Registration no.: 069734 EMSt21

Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

Saudi Arabia

50255977

Henkel Polybit Industries Ltd.
(KSA)
Building No 4676, Secondary No 7694
Al Khadamat Al
Musanida Dist.,
Dammam,
Saudi Arabia

Production, Distribution & Logistics of Adhesives, Sealants, Functional Coatings and Specialties with Management System, and Human Resource as supporting processes and Strategic Business Steering as the management process.

Spain

506605

Henkel Ibérica Operations S.L.U.
Gran Vial nº 15
08170 Montornès del Vallès
Spain

Distribution & Logistics of Adhesives, Sealants, Functional Coatings and Specialties

214618

Henkel Ibérica Operations S.L.U.
Vial Nord, 2
Concentració Industrial Vallesana
08170 Montornès del Vallès
Spain

Product Development, Production & Services, Distribution & Logistics of Adhesives, Sealants, Functional Coatings and Specialties with Management System, Technology Operations/ Engineering, and Human Resource as supporting processes

31603980

Henkel Ibérica S.A.
Vial Nord, 2
Concentració Industrial Vallesana
08170 Montornès del Vallès
Spain

Product development of Adhesives, Sealants, Functional Coatings and Specialties



Annex to certificate
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Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

Türkiye

214620

Türk Henkel Kim. San. Ve Tic. A.Ş
Demirciler OSB Mah. Atatürk Bulvarı
No:7/1 Dilovası
41455 Kocaeli
Türkiye

Production, of Adhesives, Sealants, Functional Coatings and Specialties with Management System, Digital (Infrastructure), as supporting processes and Strategic Business Steering as the management process

378724

Türk Henkel Kim. San. Ve Tic. A.Ş
İstanbul Deri Organize Sanayi Bölgesi
Nokra Cad. G-3 Parsel No:5
34956 Tuzla
Türkiye

Production of adhesives, Sealants, functional coatings and Specialties with Management Systems as supporting processes and strategic business steering as the management process

United Arab Emirates

50255874

Henkel Polybit Industries Ltd.
Plot No 194
New Industrial Area, Ras Al Khaimah Road
PO Box 293
Umm Al Quwain
United Arab Emirates

Production & Services, Distribution & Logistics of Adhesives, Sealants, Functional Coatings and Specialties with Management System, and Human Resource as supporting processes and Strategic Business Steering as the management process.

USA

065076

Henkel US Operations Corporation
1345-1347 Gasket Drive
Elgin, IL 60120
United States of America

Production & Services of adhesives, with Management Systems as supporting process.



Annex to certificate
Registration no.: 069734 EMSt21

Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

231106
Henkel US Operations Corporation
23343 Sherwood Avenue
Warren, MI 48091
United States of America

The Production & Services of Functional Coatings with Management Systems and Technology Operations/Engineering as supporting process.

255593
Henkel US Operations Corporation
421 London Road
Delaware, OH 43015
United States of America

The energy activities and supporting processes associated with the manufacture of adhesives and surface coatings

291669
Henkel US Operations Corporation
Cleveland Manufacturing Facility
18731 Cranwood Parkway
Cleveland, OH 44128
United States of America

The energy activities and supporting processes associated with the manufacture of adhesives, sealants and specialty chemicals

291675
Henkel US Operations Corporation
167 Batchelder Road
Seabrook, NH 03874
United States of America

Production & Services of Adhesives, Sealants, Functional Coatings and Specialties with Management Systems as a supporting process.

311311
Henkel US Operations Corporation
Adhesives
9 Furman Hall Court
Greenville, SC 29609
United States of America

Production & Services of Adhesives, and Functional Coatings with Management Systems as a supporting process.

343635
Henkel US Operations Corporation
Adhesives Technologies
2850 Willow Pass Rd
Bay Point, CA 94565
United States of America

Product Development, Production and Services and Distribution and Logistics of Adhesives and Specialties with Management Systems, Technology Operations/Engineering and Human Resources as a supporting process.



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Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

10001786

Henkel US Operations Corporation
4035 Senator Street
Memphis, TN 38118
United States of America

Marketing & Strategy, Sales, Production & Services, Distribution & Logistics of Specialties with Management System, Technology Operations/ Engineering, and Human Resource as supporting processes.

10001788

Henkel US Operations Corporation
14351 Highway 221
Enoree, SC 29335
United States of America

Production & Services of adhesives.

10001793

Henkel US Operations Corporation
EM Salisbury Process Technology Group
825 Cedar Springs Road
Salisbury, NC 28147
United States of America

Production & Services of Adhesives, and Specialties with Management Systems and Technology Operations/Engineering as supporting process.

10018269

Henkel US Operations Corporation
6050 W 51st Street
Chicago, IL 60638
United States of America

Production & Services of Specialties, with Management Systems and Technology Operations/Engineering as supporting process.

10018477

Henkel US Operations Corporation
301 Washington Street W
Cannon Falls, MN 55009
United States of America

The design and manufacture of thermal materials.

10018478

Henkel US Operations Corporation
600 Willow Street
Brandon, SD 57005
United States of America

Production & Services of Specialties, with Management Systems and Technology Operations/Engineering as supporting process.



Annex to certificate
Registration no.: 069734 EMSt21

Henkel AG & Co. KGaA

Henkel Adhesive Technologies

Henkelstraße 67
40589 Düsseldorf
Germany

311297

Henkel Corporation
201 Highway 10 East
Richmond, MO 64085
United States of America

The energy activities and supporting processes associated with the manufacture of sealants and adhesives

397740

Henkel Corporation
1600 Executive Drive
LaGrange, GA 30240
United States of America

The Production & Services of Adhesives and Sealants, with Management Systems and Technology Operations/Engineering as supporting process.

10010871

Henkel Corporation
7405 Production Drive
Mentor, OH 44060
United States of America

The Production & Services and Distribution of Adhesives and Sealants, with Management Systems and Technology Operations/Engineering as supporting process.

291668

Henkel Puerto Rico, LLC
9 Vincente Quilichini Ave
Sabana Grande, PR 00637
United States of America

Production & Services of Functional Coatings, Sealants and Specialties, with Management Systems and Technology Operations/Engineering as supporting process.

LOCTITE® 55 Pipe Cord™

August 2016

PRODUCT DESCRIPTION

LOCTITE® 55 Pipe Cord™ provides the following product characteristics:

Technology	Coated multifilament thread
Chemical Type	Polyamide thread with inert proprietary paste
Appearance	White colored, coated cord ^{LMS}
Cure	Not applicable
Application	Thread sealing

LOCTITE® 55 Pipe Cord™ is a general purpose, threaded pipe and fitting sealant which is wound from the dispensing package onto the threads of the pipe. It is supplied in containers, which serve for both storage and dispensing purposes. Recommended for sealing metal and plastic tapered pipe threads and fittings up to 4" NPT (National Pipe Thread) for use in industrial applications in aqueous and non-aqueous fluids. Particularly suitable in threaded assembly applications that require immediate use and may undergo small readjustments before use. This product is typically used in applications up to 149 °C.

NSF International

Certified to ANSI/NSF Standard 61 for use in commercial and residential potable water systems not exceeding 82° C. **Note:** This is a regional approval. Please contact your local Technical Service Center for more information and clarification.

EN 751-2

Sealing materials for metallic threaded joints in contact with 1st, 2nd, and 3rd family gases and hot water; Part 2: Non-hardening jointing compounds. LOCTITE® 55 Pipe Cord™ has been tested and conforms to EN 751-2 for a class ARp compound and carries the **DVGW** approval.

WRC and BGA KTW approval

Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water. LOCTITE® 55 Pipe Cord™ has been tested and has potable water approval to BS 6920 and also meets the specifications of the **WRC** and **BGA KTW** for both cold and hot potable water.

Approved by the Australian Gas Association Certificate number 6007 Class III rated working pressure 2000 kPa, working temperature -10 to 150°C. **Note:** This is a regional approval. Please contact your local Technical Service Center for more information and clarification.

TYPICAL PROPERTIES

Specific Gravity @ 25 °C	1.25
Flash Point - See SDS	
Coating Weight, g/m	0.54 to 0.74 ^{LMS}
Spool Weight, g:	
12 meter spool	7.0 to 10.4 ^{LMS}
50 meter spool	27.3 to 39.6 ^{LMS}
100 meter spool	54.0 to 80.7 ^{LMS}
160 meter spool	86.4 to 125.1
Spool Length, m:	
12 meter spool	12.5 to 14.0 ^{LMS}
50 meter spool	50.5 to 53.5 ^{LMS}
100 meter spool	101.0 to 109.0 ^{LMS}
160 meter spool	161.0 to 169.0

Lubricity, ASTM D5648, K value:

3/8 x 16 fastener, using LOCTITE® 55 Pipe Cord™	0.15
3/8 x 16 fastener (degreased)	0.2
3/8 x 16 phosphate and oil nuts and bolts	0.16

(In critical applications, it is necessary to determine the K values independently. Henkel Corporation makes no warranty of specific performance on any individual fastener):

TYPICAL PERFORMANCE OF APPLIED MATERIAL

Approval tests according to EN 751-2 for class ARp compound:

Soundness Test, section 7.2.1.2	No leaks
Soundness Test after 45° joint adjustment, section 7.2.1.3	No leaks
Resistance to gas condensates, section 7.2.1.4	No leaks
Hot water resistance test, section 7.2.1.5	No leaks
Temperature cycling test, section 7.2.1.6	No leaks
Vibration test, section 7.2.1.7	No leaks
Compatibility with foam forming leak tester, section 7.2.2	Pass
Test of hardening and dismantling, section 7.2.3	Pass

Pressure Resistance

LOCTITE® 55 Pipe Cord™ was successfully tested for pressure resistance and sealability to 69 MPa. 3/8 NPT steel pipe tees and plugs were assembled and pre-torqued to 27 N·m prior to testing at 69 MPa hydraulic pressure @ 23 °C according to ASTM D 1599.

TYPICAL ENVIRONMENTAL RESISTANCE

LOCTITE® 55 Pipe Cord™ has resistance to most common industrial fluids and gasses.

Steam Compatibility

LOCTITE® 55 Pipe Cord™ was successfully tested for steam compatibility to 0.17 MPa. 1.5 " NPT were assembled and tested at 0.17 MPa pressure @ 130 °C for 1,000 hours.

GENERAL INFORMATION

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials.

For safe handling information on this product, consult the Safety Data Sheet (SDS).

Directions for use:

1. Clean parts with a wire brush prior to application of product.
2. Hold the end of the Pipe Sealing Cord against the male nipple with one finger approximately two threads away from the end.
3. Wind the fiber onto the pipe threads in the same direction of the thread helix starting from the end of the pipe. For optimum performance, the grooves of the threads should be filled without completely masking the pitches of the thread.
NOTE: It is not necessary to follow the valley of the thread.
4. **CAUTION:** Do not over-apply the Pipe Sealing Cord. Excessive material tends to be pushed off as fittings are assembled, and it also becomes mechanically more difficult to complete the engagement.
5. Cut the required length off with the integrated cutting tool and smooth the loose end onto the pitches of the pipe thread.
6. LOCTITE® 55 Pipe Cord™ can be adjusted up to 45° after tightening.

Usage/Application Information

The following is a guideline for how much LOCTITE® 55 Pipe Cord™ to use per pipe diameter.

Pipe Diameter	Number of turns (wraps)	
	Metal	Plastic
½ "	6 to 8	12 to 15
¾ "	7 to 9	15 to 25
1 "	8 to 12	20 to 30
1½ "	10 to 15	25 to 35
2 "	15 to 25	-----
2½ "	20 to 30	-----
3 "	25 to 35	-----
3½ "	30 to 40	-----
4 "	35 to 45	-----

LOCTITE® 55 Pipe Cord™ provides sealing against cold water and compressed air on plastic pipe threads when applied properly in a sufficient amount.

Loctite Material Specification^{LMS}

LMS dated January 26, 2005. Test reports for each batch are available for the indicated properties. LMS test reports include selected QC test parameters considered appropriate to specifications for customer use. Additionally, comprehensive controls are in place to assure product quality and consistency. Special customer specification requirements may be coordinated through Henkel Quality.

Storage

Store product in the unopened container in a dry location. Storage information may be indicated on the product container labeling.

Optimal Storage: 8 °C to 21 °C. Storage below 8 °C or greater than 28 °C can adversely affect product properties. Material removed from containers may be contaminated during use. Do not return product to the original container. Henkel Corporation cannot assume responsibility for product which has been contaminated or stored under conditions other than those previously indicated. If additional information is required, please contact your local Technical Service Center or Customer Service Representative.

Conversions

$(^{\circ}\text{C} \times 1.8) + 32 = ^{\circ}\text{F}$
 $\text{kV/mm} \times 25.4 = \text{V/mil}$
 $\text{mm} / 25.4 = \text{inches}$
 $\mu\text{m} / 25.4 = \text{mil}$
 $\text{N} \times 0.225 = \text{lb}$
 $\text{N/mm} \times 5.71 = \text{lb/in}$
 $\text{N/mm}^2 \times 145 = \text{psi}$
 $\text{MPa} \times 145 = \text{psi}$
 $\text{N} \cdot \text{m} \times 8.851 = \text{lb} \cdot \text{in}$
 $\text{N} \cdot \text{m} \times 0.738 = \text{lb} \cdot \text{ft}$
 $\text{N} \cdot \text{mm} \times 0.142 = \text{oz} \cdot \text{in}$
 $\text{mPa} \cdot \text{s} = \text{cP}$

Note:

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.

Any liability in respect of the information in the Technical Data Sheet or any other written or oral recommendation(s) regarding the concerned product is excluded, except if otherwise explicitly agreed and except in relation to death or personal injury caused by our negligence and any liability under any applicable mandatory product liability law.

In case products are delivered by Henkel Belgium NV, Henkel Electronic Materials NV, Henkel Nederland BV, Henkel Technologies France SAS and Henkel France SA please additionally note the following:

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Trademark usage

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Reference 1.9



LOCTITE® 577™

November 2024

PRODUCT DESCRIPTION

LOCTITE® 577™ provides the following product characteristics:

Technology	Acrylic
Chemical type	Dimethacrylate ester
Appearance (uncured)	Yellow paste
Fluorescence	Positive under UV light
Components	One component - requires no mixing
Viscosity	High, thixotropic
Cure	Anaerobic
Secondary cure	Activator
Application	Threadsealing
Strength	Medium

LOCTITE® 577™ is designed for the locking and sealing of metal threaded pipes and fittings. Particularly suitable for use on stainless steel without the need for surface activation. The product cures when confined in the absence of air between close fitting metal surfaces and prevents loosening and leakage from shock and vibration. The thixotropic nature of LOCTITE® 577™ reduces the migration of liquid product after application to the substrate. LOCTITE® 577™ provides robust curing performance. It not only works on active metals (e.g. brass, copper) but also on passive substrates such as stainless steel and plated surfaces. The product offers gap performance to 0.25 mm (0.01 in), high temperature performance and contamination tolerance. It cures in the presence of minor surface contaminations from various oils, such as cutting, lubrication, anti-corrosion and protection fluids and cleaners containing surfactants and corrosion inhibitors.

NSF International

Registered to NSF Category P1 for use as a sealant where there is no possibility of food contact in and around food processing areas.

Note: This is a regional approval. Please contact your local Technical Service Center for more information and clarification.

Approved by the Australian Gas Association Certificate number 4787 Class III rated working pressure 2000 kPa, working temperature -10 to 135°C. **Note:** This is a regional approval. Please contact your local Technical Service Center for more information and clarification.

EN 751-1

Sealing materials for metallic threaded joints in contact with 1st, 2nd, and 3rd family gases and hot water; Part 1: Anaerobic jointing compounds. LOCTITE® 577™ has been tested and conforms to EN 751-1 for a class H compound and carries the DVGW certification.

Hydrogen Certified Adhesive

LOCTITE® 577™ has been tested and conforms to GASTEC QA Approval requirement 214 (AR-214).

Note: This is a regional approval. Please contact your local Technical Service Center for more information and clarification.

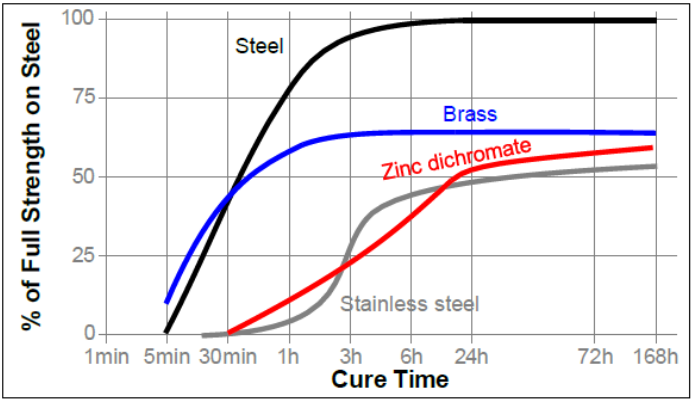
TYPICAL PROPERTIES OF UNCURED MATERIAL

Specific Gravity @ 25°C	1.1
Viscosity, Brookfield - RVT, 25°C , mPa·s (cP):	
Spindle 6, speed 2.5 rpm,	100,000
Spindle 6, speed 20 rpm,	24,500

TYPICAL CURING PERFORMANCE

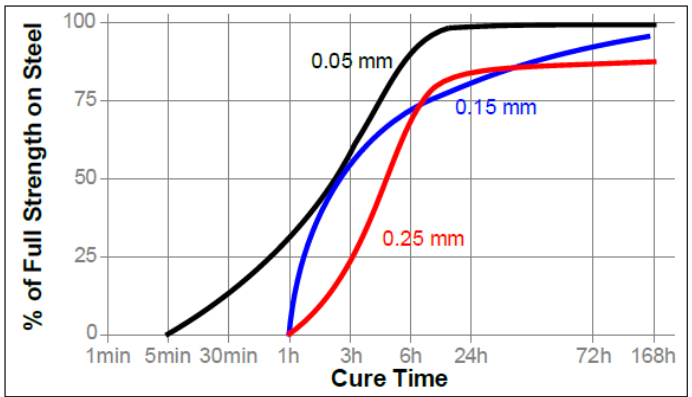
Cure Speed vs. Substrate

The rate of cure will depend on the substrate used. The graph below shows the breakaway strength developed with time on M10 steel nuts and bolts compared to different materials and tested according to ISO 10964.



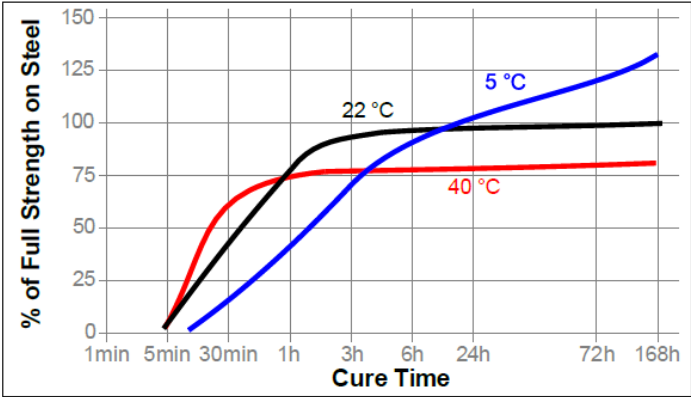
Cure Speed vs. Bond Gap

The rate of cure will depend on the bondline gap. Gaps in threaded fasteners depends on thread type, quality and size. The following graph shows shear strength developed with time on steel pins and collars at different controlled gaps and tested according to ISO 10123.



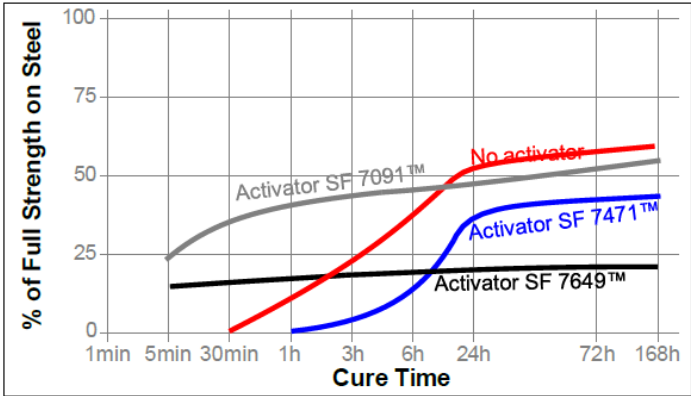
Cure Speed vs. Temperature

The rate of cure will depend on the temperature. The graph below shows the breakaway strength developed with time at different temperatures on M10 steel nuts and bolts and tested according to ISO 10964.



Cure Speed vs. Activator

Where cure speed is unacceptably long, or large gaps are present, applying activator to the surface will improve cure speed. The graph below shows the breakaway strength developed with time on M10 zinc dichromate steel nuts and bolts using Activator SF 7471™, SF 7649™ and SF 7091™ and tested according to ISO 10964.



TYPICAL PROPERTIES OF CURED MATERIAL

Physical Properties	
Specific Heat, kJ/(kg·K)	2.0
Tensile strength, ISO 37	1.3 (190)
Tensile Modulus, ISO 37	168 (24,350)

TYPICAL PERFORMANCE OF CURED MATERIAL

Adhesive Properties

After 24 hours @ 22 °C
Breakaway Torque, ISO 10964:

M10 steel nuts and bolts	N·m (lb·in)	33 (295)
M10 brass nuts and bolts	N·m (lb·in)	23 (205)
M10 zinc dichromate nuts and bolts	N·m (lb·in)	20 (175)
M10 stainless steel nuts and bolts	N·m (lb·in)	15 (135)
M10 zinc phosphate nuts and bolts	N·m (lb·in)	30 (265)
M6 steel nuts and bolts	N·m (lb·in)	7 (62)
M16 steel nuts and bolts	N·m (lb·in)	69 (615)
3/8 x 16 steel nuts (grade 2) and bolts (grade 5)	N·m (lb·in)	33 (295)

Prevail Torque, ISO 10964:

M10 steel nuts and bolts	N·m (lb·in)	2.5 (22)
M10 brass nuts and bolts	N·m (lb·in)	1.3 (12)
M10 zinc dichromate nuts and bolts	N·m (lb·in)	3.7 (33)
M10 stainless steel nuts and bolts	N·m (lb·in)	1.9 (17)
M10 zinc phosphate nuts and bolts	N·m (lb·in)	1.8 (16)
M6 steel nuts and bolts	N·m (lb·in)	0.7 (6.2)
M16 steel nuts and bolts	N·m (lb·in)	7.5 (66)
3/8 x 16 steel nuts (grade 2) and bolts (grade 5)	N·m (lb·in)	3.8 (34)

Breakloose Torque, ISO 10964, Pre-torqued to 5 N·m:

M10 steel nuts and bolts	N·m (lb·in)	27 (240)
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Max. prevail torque, ISO 10964, pre-torqued to 5 N·m:

M10 steel nuts and bolts	N·m (lb·in)	2.0 (18)
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Compressive Shear Strength, ISO 10123:

Steel pins and collars	N/mm ² (psi)	5 (725)
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After 1 week @ 22 °C
Breakloose Torque, ISO 10964, Pre-torqued to 5 N·m:

M10 zinc phosphate nuts and bolts	N·m (lb·in)	30 (265)
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TYPICAL ENVIRONMENTAL RESISTANCE

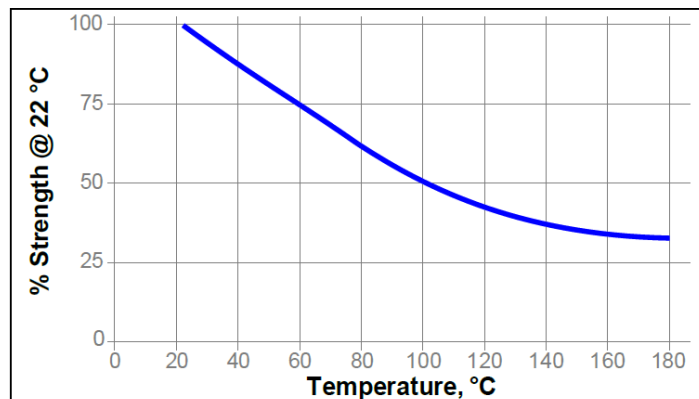
Cured for 1 week @ 22 °C

Breakloose Torque, ISO 10964, Pre-torqued to 5 N·m:

M10 zinc phosphate steel nuts and bolts

Hot Strength

Tested at temperature

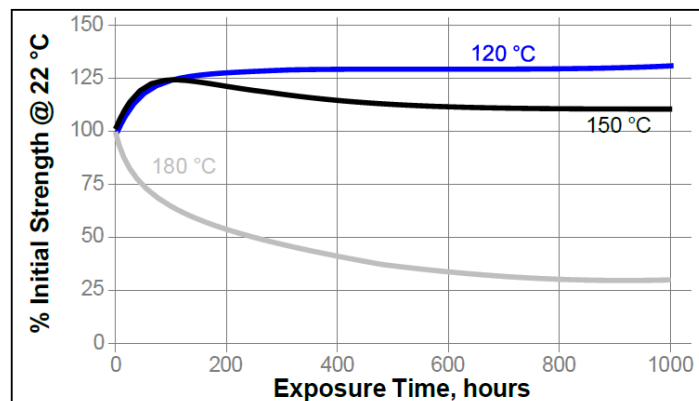


Cold Strength

This product has been tested to -75 °C (-100 °F). This product may work below this temperature, but has not been tested.

Heat Aging

Aged at temperature indicated and tested @ 22 °C.



Chemical/Solvent Resistance

Aged under conditions indicated and tested @ 22 °C.

Environment	°C	% of initial strength		
		100 h	500 h	1000 h
Acetone	22	95	65	70
DEF (AdBlue®)	22	125	125	130
Brake fluid (DOT 4)	22	115	115	120
Ethanol	22	110	90	90
Motor oil (5W30-Synthetic)	125	120	130	135
Unleaded Petrol	22	115	105	105
Water/glycol 50/50	87	105	95	90
B100 Bio-Diesel	22	105	115	115
E85 Ethanol fuel	22	100	90	90

GENERAL INFORMATION

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials.

For safe handling information on this product, consult the Safety Data Sheet (SDS).

Where aqueous washing systems are used to clean the surfaces before bonding, it is important to check for compatibility of the washing solution with the adhesive. In some cases these aqueous washes can affect the cure and performance of the adhesive. This product is not normally recommended for use on plastics (particularly thermoplastic materials where stress cracking of the plastic could result). Users are recommended to confirm compatibility of the product with such substrates.

Directions for Use:

For Assembly

- For best results, clean all surfaces (external and internal) with a LOCTITE® cleaning solvent and allow to dry.
- If the material is an inactive metal or the cure speed is too slow, spray with LOCTITE® SF 7471™ or LOCTITE® SF 7649™ and allow to dry.
- Apply a 360° bead of product to the leading threads of the male fitting, leaving the first thread free. Force the material into the threads to thoroughly fill the voids. For bigger threads and voids, adjust product amount accordingly and apply a 360° bead of product on the female threads also.
- Using compliant practices, assemble and wrench tighten fittings in accordance with manufacturers recommendations.
- Properly tightened fittings will seal instantly to moderate pressures. For maximum pressure resistance and solvent resistance allow the product to cure a minimum of 24 hours.
- Remove any excess uncured product with cleaner LOCTITE® SF 7063™ (or similar grade), if required.

For Disassembly

- Remove with standard hand tools.
- Where hand tools do not work because of excessive engagement length or large diameters (over 1"), apply localized heat to approximately 250 °C (480 °F). Disassemble while hot.

For Cleanup

- Cured product can be removed with a combination of soaking in a LOCTITE® solvent and mechanical abrasion such as a wire brush.

Storage

Store product in the unopened container in a dry location. Storage information may be indicated on the product container labeling.

Optimal storage: 8°C to 21°C. Storage below 8°C or greater than 28°C can adversely affect product properties.

Material removed from containers may be contaminated during use. Do not return product to the original container. Henkel Corporation cannot assume responsibility for product which has been contaminated or stored under conditions other than those previously indicated. If additional information is required, please contact your local Technical Service Center or Customer Service Representative.



Disclaimer

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Trademark usage

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Conversions

$(^{\circ}\text{C} \times 1.8) + 32 = ^{\circ}\text{F}$
 $\text{kV/mm} \times 25.4 = \text{V/mil}$
 $\text{mm} / 25.4 = \text{inches}$
 $\mu\text{m} / 25.4 = \text{mil}$
 $\text{N} \times 0.225 = \text{lb}$
 $\text{N/mm} \times 5.71 = \text{lb/in}$
 $\text{N/mm}^2 \times 145 = \text{psi}$
 $\text{MPa} \times 145 = \text{psi}$
 $\text{N}\cdot\text{m} \times 8.851 = \text{lb}\cdot\text{in}$
 $\text{N}\cdot\text{m} \times 0.738 = \text{lb}\cdot\text{ft}$
 $\text{N}\cdot\text{mm} \times 0.142 = \text{oz}\cdot\text{in}$
 $\text{mPa}\cdot\text{s} = \text{cP}$

Reference 4

LOCTITE® LB 8018™Known as LOCTITE® 8018™
December 2018**PRODUCT DESCRIPTION**

LOCTITE® LB 8018™ provides the following product characteristics:

Technology	Oil & Grease
Chemical Type	Blend of refined petroleum oils and additives
Appearance	Clear yellow-brown liquid ^{LMS}
Propellant	Carbon dioxide
Solubility in Water	Insoluble
Solubility in Acetone	Soluble
Cure	Not applicable
Application	Lubrication
Specific Benefit	<ul style="list-style-type: none">• Easy application from an aerosol can• Fast, efficient and economical• Will not affect painted surfaces• Low surface tension• Does not contain chlorinated solvents• Does not contain CFC

LOCTITE® LB 8018™ is a transparent super penetrating oil in an aerosol can, based on a blend of petroleum oils and additives. The product quickly flows between rusted and corroded parts to break the bond of oxidized metal. Due to its exceptional penetrating properties it is also suitable for loosening tar, grease, dirt and other carbon deposits. The product leaves a thin film that lubricates and prevents rust. LOCTITE® LB 8018™ is specifically designed as a super penetrating oil to free rusted or frozen nuts, bolts, screws, fittings and other fasteners as well as metal components in automotive and industrial equipment. It is also recommended for cleaning parts before lubrication and as a light lubricant and rust inhibitor.

TYPICAL PROPERTIES

Specific Gravity @ 20 °C	0.777 to 0.789 ^{LMS}
Flash Point - See SDS	
Viscosity @ 25°C, mPa·s (cP)	<100
Solids/Non-Volatile Content, %	8.0 to 8.8 ^{LMS}
Refractive Index, ISO 489	1.425 to 1.437 ^{LMS}

GENERAL INFORMATION

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as

a sealant for chlorine or other strong oxidizing materials.

For safe handling information on this product, consult the Safety Data Sheet (SDS).

Directions for use:

1. Shake can thoroughly before use.
2. Best results are obtained when the product is at room temperature.
3. Spray an even coat of LOCTITE® LB 8018™ from a distance of about 20 to 25 cm.
4. Allow the product to penetrate for approximately 5 minutes.
5. Light tapping with a hammer will speed up penetration.
6. Thereafter, separate or disassemble parts in a normal fashion.
7. In extreme cases, a second application with a longer soaking time may be required.
8. For loosening tar, grease, dirt, oil and carbon deposits follow the above instructions. After appropriate soaking time, remove loosened dirt with a cloth or with a plastic or wooden scraper.

Loctite Material Specification^{LMS}

LMS dated July 16, 2004. Test reports for each batch are available for the indicated properties. LMS test reports include selected QC test parameters considered appropriate to specifications for customer use. Additionally, comprehensive controls are in place to assure product quality and consistency. Special customer specification requirements may be coordinated through Henkel Quality.

Storage

The product is classified as flammable and must be stored in an appropriate manner in compliance with relevant regulations. Do not store near oxidizing agents or combustible materials. Store product in the unopened container in a dry location. Storage information may also be indicated on the product container labelling.

Optimal Storage: 8 °C to 21 °C. Storage below 8 °C or greater than 28 °C can adversely affect product properties.

Material removed from containers may be contaminated during use. Do not return product to the original container. Henkel cannot assume responsibility for product which has been contaminated or stored under conditions other than those previously indicated. If additional information is required, please contact your local Technical Service Center or Customer Service Representative.

Conversions

$(^{\circ}\text{C} \times 1.8) + 32 = ^{\circ}\text{F}$
 $\text{kV/mm} \times 25.4 = \text{V/mil}$
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 $\text{N}\cdot\text{m} \times 8.851 = \text{lb}\cdot\text{in}$
 $\text{N}\cdot\text{m} \times 0.738 = \text{lb}\cdot\text{ft}$
 $\text{N}\cdot\text{mm} \times 0.142 = \text{oz}\cdot\text{in}$
 $\text{mPa}\cdot\text{s} = \text{cP}$

U.S. and elsewhere.

Reference 0.1

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Trademark usage: [Except as otherwise noted] All trademarks in this document are trademarks and/or registered trademarks of Henkel and its affiliates in the

LOCTITE® LB 8021™Known as LOCTITE® 8021™
January 2015**PRODUCT DESCRIPTION**

LOCTITE® LB 8021™ provides the following product characteristics:

Technology	Oil & Grease
Chemical Type	Silicone Oil
Appearance	Clear liquid ^{LMS}
Propellant	Propane/Butane
Cure	Not applicable
Application	Lubrication

LOCTITE® LB 8021™ is a general purpose, low viscosity silicone oil used for lubricating metal and non-metal surfaces (e.g. guides, conveyors, cutting knives and plastic components). It may also be used as a release agent in moulds, etc. This product is typically used in applications with an operating range of -30 °C to +150 °C (continuous) and -50 °C to +250 °C (peaks) after complete evaporation of solvents.

NSF International

Registered to NSF Category H1 for use as a lubricant with incidental food contact in and around food processing areas.

Note: This is a regional approval. Please contact your local Technical Service Center for more information and clarification

TYPICAL PROPERTIES

Density, DIN EN542 @ 25 °C, g/ml	0.6
Specific Gravity @ 20 °C	0.766 to 0.778 ^{LMS}
Refractive Index	1.372 to 1.384 ^{LMS}
Solids/Non-Volatile Content, %	49 to 51 ^{LMS}
Viscosity @ 25°C, mPa·s (cP)	350
Flash Point - See SDS	

GENERAL INFORMATION

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a lubricant for chlorine or other strong oxidizing materials.

For safe handling information on this product, consult the Safety Data Sheet (SDS).

Directions for use:

1. Shake can thoroughly before use. Spray on to clean parts, where possible.

2. LOCTITE® cleaners 7063™ or 7070™ may be used to remove old oil residues, but when they cannot be used, it is important to check the compatibility of old oils with the new lubricant.
3. This product should not be used on parts which are likely to be painted.

Loctite Material Specification^{LMS}

LMS dated January 08, 2004. Test reports for each batch are available for the indicated properties. LMS test reports include selected QC test parameters considered appropriate to specifications for customer use. Additionally, comprehensive controls are in place to assure product quality and consistency. Special customer specification requirements may be coordinated through Henkel Quality.

Storage

Store product in the unopened container in a dry location. Storage information may be indicated on the product container labeling.

Optimal Storage: 8 °C to 21 °C. Storage below 8 °C or greater than 28 °C can adversely affect product properties.

Material removed from containers may be contaminated during use. Do not return product to the original container. Henkel Corporation cannot assume responsibility for product which has been contaminated or stored under conditions other than those previously indicated. If additional information is required, please contact your local Technical Service Center or Customer Service Representative.

Conversions

$(^{\circ}\text{C} \times 1.8) + 32 = ^{\circ}\text{F}$
 $\text{kV/mm} \times 25.4 = \text{V/mil}$
 $\text{mm} / 25.4 = \text{inches}$
 $\mu\text{m} / 25.4 = \text{mil}$
 $\text{N} \times 0.225 = \text{lb}$
 $\text{N/mm} \times 5.71 = \text{lb/in}$
 $\text{N/mm}^2 \times 145 = \text{psi}$
 $\text{MPa} \times 145 = \text{psi}$
 $\text{N}\cdot\text{m} \times 8.851 = \text{lb}\cdot\text{in}$
 $\text{N}\cdot\text{m} \times 0.738 = \text{lb}\cdot\text{ft}$
 $\text{N}\cdot\text{mm} \times 0.142 = \text{oz}\cdot\text{in}$
 $\text{mPa}\cdot\text{s} = \text{cP}$

Note:

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Reference 1.3

LOCTITE® LB 8040™

Known as Freeze & Release
December 2016

PRODUCT DESCRIPTION

LOCTITE® LB 8040™ provides the following product characteristics:

Technology	Lubricants
Chemical Type	Mineral Oil
Color	Amber
Cure	Not applicable
Application	Rust treatment
Dispense Method	Spray
Key Substrates	Metals

LOCTITE® LB 8040™ is a special mineral oil formulation to free rusted, corroded and seized parts. The shock-freezing effect from a stream of lubricant at -43°C will instantly cool parts and cause microscopic cracks in the layer of rust. This allows the lubricating ingredients to wick directly into the rust by capillary action. Released parts remain lubricated and protected from corrosion.

TYPICAL PROPERTIES

Density @ 20 °C, g/ml	0.6
Maximum chill down, °C	-43
Lubricant viscosity, mPa·s (cP)	<5

GENERAL INFORMATION

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a lubricant for chlorine or other strong oxidizing materials.

For safe handling information on this product, consult the Safety Data Sheet (SDS).

Handling Precautions

Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not spray on an open flame or any incandescent material. Keep away from sources of ignition.

Directions For Use:

1. Remove dirt and loose rust from parts
2. Shake can thoroughly. Spray at a distance of about 10 to 15 cm onto the fastener to be treated for 5 to 10 seconds
3. Allow the product to react for 1 to 2 minutes, before attempting to release the seized part
4. Repeat application if necessary

Storage

Store product in the unopened container in a dry location. Storage information may be indicated on the product container labeling.

Optimal Storage: 8 °C to 21 °C. Storage below 8 °C or greater than 28 °C can adversely affect product properties. Material removed from containers may be contaminated during use. Do not return product to the original container. Henkel Corporation cannot assume responsibility for product which has been contaminated or stored under conditions other than those previously indicated. If additional information is required, please contact your local Henkel Representative.

Not for product specifications

The technical data contained herein are intended as reference only. Please contact your local quality department for assistance and recommendations on specifications for this product.

Conversions

$(^{\circ}\text{C} \times 1.8) + 32 = ^{\circ}\text{F}$
 $\text{kV/mm} \times 25.4 = \text{V/mil}$
 $\text{mm} / 25.4 = \text{inches}$
 $\mu\text{m} / 25.4 = \text{mil}$
 $\text{N} \times 0.225 = \text{lb}$
 $\text{N/mm} \times 5.71 = \text{lb/in}$
 $\text{N/mm}^2 \times 145 = \text{psi}$
 $\text{MPa} \times 145 = \text{psi}$
 $\text{N}\cdot\text{m} \times 8.851 = \text{lb}\cdot\text{in}$
 $\text{N}\cdot\text{m} \times 0.738 = \text{lb}\cdot\text{ft}$
 $\text{N}\cdot\text{mm} \times 0.142 = \text{oz}\cdot\text{in}$
 $\text{mPa}\cdot\text{s} = \text{cP}$

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Trademark usage

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Reference 1.2



LOCTITE® LB 8201™

Known as LOCTITE® 8201™
January 2015

PRODUCT DESCRIPTION

LOCTITE® LB 8201™ provides the following product characteristics:

Technology	Oil & grease
Chemical Type	Mineral oils
Appearance	Yellow-brown liquid
Propellant	Propane/Butane
Cure	Not applicable
Application	Lubrication

LOCTITE® LB 8201™ is a universal penetrating liquid which frees, lubricates, cleans, dries and prevents corrosion on all machinery. This product does not contain silicone. It is used to free seized or corroded parts such as threaded fasteners, hinges and cylindrical joints. LOCTITE® LB 8201™ provides light lubrication of small mechanisms. It displaces moisture from damp electrical devices and leaves a protective anti-corrosive film. This product is typically used in applications with an operating range of -20 °C to +120 °C.

TYPICAL PROPERTIES

Density, (ISO 3675) @ 20°C	0.818
Refractive Index	1.447
Copper corrosion, ISO 2160:	1a
Viscosity @ 50°C, cSt	17.5
Flow Time, @ 20 °C, ISO 2431, seconds: Cup # 2.5	92

GENERAL INFORMATION

For safe handling information on this product, consult the Safety Data Sheet (SDS).

Directions for use:

1. Shake can thoroughly before use
2. Spray on to clean parts, where possible, from a distance of approximately 20 to 30 cm to give a uniform film.

Storage

Store product in the unopened container in a dry location. Storage information may be indicated on the product container labeling.

Optimal storage: 8°C to 21°C. Storage below 8°C or greater than 28°C can adversely affect product properties.

Material removed from containers may be contaminated during use. Do not return product to the original container. Henkel Corporation cannot assume responsibility for product which has been contaminated or stored under conditions other than those previously indicated. If additional information is required, please contact your local Technical Service Center or Customer Service Representative.

Product Specification

The technical data contained herein are intended as reference only and are not considered specifications for the product.

Product specifications are located on the Certificate of Analysis or please contact Henkel representative.

Approval and Certificate

Please contact a Henkel representative for related approval or certificate of this product.

Conversions

(°C x 1.8) + 32 = °F
kV/mm x 25.4 = V/mil
mm / 25.4 = inches
µm / 25.4 = mil
N x 0.225 = lb
N/mm x 5.71 = lb/in
N/mm² x 145 = psi
MPa x 145 = psi
N·m x 8.851 = lb·in
N·m x 0.738 = lb·ft
N·mm x 0.142 = oz·in
mPa·s = cP

Data Ranges

The data contained herein may be reported as a typical value. Values are based on actual test data and are verified on a periodic basis.

Temperature/Humidity Ranges: 23°C / 50% RH = 23±2°C / 50±5% RH



Disclaimer

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Reference 1.5

LOCTITE® SF 7100™Known as LOCTITE® 7100™
November 2014**PRODUCT DESCRIPTION**

LOCTITE® SF 7100™ provides the following product characteristics:

Technology	Aqueous Based
Chemical Type	Mixture of surfactants
Appearance	Colorless
Odor	Odorless
Cure	Not applicable
Application	Leak Detector
Dispense Method	Spray
Propellant	Nitrogen

LOCTITE® SF 7100™ is a product in an easy to use aerosol, that allows for detection of suspected leaks. This product starts producing bubbles at areas where a leak is present. It is non-toxic and non-flammable. LOCTITE® SF 7100™ is designed for tracing leaks in all pressurized gas systems, as well as compressed air, helium, nitrogen etc. The product can be used for common pipings made from iron, copper and plastic. This product is typically used in applications with an operating range of 10 °C to 50 °C.

TYPICAL PROPERTIES

Density @ 20 °C, g/ml	1
Viscosity, DIN CUP 4, seconds	10
pH	7.5
Surface Tension, ASTM D 1590, mN/m	27
Pressure @ 20 °C, Bar	8
Delivery Rate, g/s	3
Flash Point - See SDS	

GENERAL INFORMATION

For safe handling information on this product, consult the Safety Data Sheet (SDS).

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials.

Handling precautions

Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not spray on an open flame or any incandescent material.

Directions for use:

1. Shake can thoroughly. Spray at a distance of about 15 to

20 cm onto the suspect area.

2. A leak will be clearly visible, as the product will start foaming at the leaking area. The product will continue to foam, allowing for a thorough search without rushing.
3. If the leak is not in the repair area, the leak search has to be extended to entire system. The leak will be in the area where the product starts foaming.
4. After the leak has been detected, wipe off excess product and perform appropriate maintenance.
5. To ensure the maintenance performed was successful, apply LOCTITE® SF 7100™ again to the respective area.
6. On hydraulic components leaks are normally clearly visible without any product. However, for a leak check after repair or on new components, prior to component installation, LOCTITE® SF 7100™ can be used for detecting potential leaks. For this purpose, fill the component with pressurised air and apply product to suspect area.

Not for product specifications

The technical data contained herein are intended as reference only. Please contact your local quality department for assistance and recommendations on specifications for this product.

Storage

Store product in the unopened container in a dry location. Storage information may be indicated on the product container labeling.

Optimal Storage: 8 °C to 21 °C. Storage below 8 °C or greater than 28 °C can adversely affect product properties. Material removed from containers may be contaminated during use. Do not return product to the original container. Henkel Corporation cannot assume responsibility for product which has been contaminated or stored under conditions other than those previously indicated. If additional information is required, please contact your local Technical Service Center or Customer Service Representative.

Conversions

$(^{\circ}\text{C} \times 1.8) + 32 = ^{\circ}\text{F}$
 $\text{kV/mm} \times 25.4 = \text{V/mil}$
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 $\text{N} \times 0.225 = \text{lb}$
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 $\text{N/mm}^2 \times 145 = \text{psi}$
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 $\text{N}\cdot\text{m} \times 8.851 = \text{lb}\cdot\text{in}$
 $\text{N}\cdot\text{m} \times 0.738 = \text{lb}\cdot\text{ft}$
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Reference 2.2**Note:**

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