

CERTIFICATE | ZERTIFIKAT | ΠΙΣΤΟΠΟΙΗΤΙΚΟ | CERTIFICA | شهادة | CERTIFICAT

CERTIFICATE



**Management System as per
EN ISO 9001 : 2008**

In accordance with TÜV AUSTRIA HELLAS procedures, it is hereby certified that



**JSC „Luga Abrasive Plant”
32, Krasnoarmeiskaya St., Luga, Leningrad Region,
188 230 Russia**

Applies a Quality Management System in line with the above Standard for the following Scope

**DEVELOPMENT, MANUFACTURE AND SALE OF ABRASIVE MATERIAL AND
ABRASIVE TOOLS, REFRACTORY WARES.**

Certificate Registration No.: **01013901**

Valid until: 2016-08-26

Certification Body
at TÜV AUSTRIA HELLAS

Athens, 2013-08-27

This certification was conducted in accordance with TÜV AUSTRIA HELLAS auditing and certification procedures and is subject to regular surveillance audits.

TÜV AUSTRIA HELLAS
429, Mesogeion Ave.
GR-153 43 Athens, Greece
www.tuvaustriahellas.gr



C:PRX416_A3e



**TÜV AUSTRIA
GROUP**

The registration of this document is subject to the agreement by TÜV AUSTRIA HELLAS. 1. Ausweisnummer: 01013901, 2. Ausweisnummer: 01013901, 3. Ausweisnummer: 01013901, 4. Ausweisnummer: 01013901, 5. Ausweisnummer: 01013901, 6. Ausweisnummer: 01013901, 7. Ausweisnummer: 01013901, 8. Ausweisnummer: 01013901, 9. Ausweisnummer: 01013901, 10. Ausweisnummer: 01013901

DECLARAȚIE DE CONFORMITATE

VOLT - 394/2022

Prezenta declarație de conformitate este emisă pe răspunderea exclusivă a producătorului, semnată pentru și în numele:

TOYA S.A., Polonia

(denumirea și adresa producătorului)

Produsul (tip, model): (Product, model(s))	Mașini (unelte) electrice manuale, portabile de uz casnic și industrial marca YATO. Modele a se vedea anexa (vezi pe verso).
Obiectul declarației: (Base of Declaration)	În conformitate cu Legea nr. 235 din 1 decembrie 2011 privind activitățile de acreditare și de evaluare a conformității, declarația de conformitate atestă faptul că produsul îndeplinește cerințele esențiale de securitate menționate în: <ul style="list-style-type: none">- Raport de încercări nr. 270/22 din 08.11.2022 eliberat de LÎ Inspect Test SRL, MD 2001, mun. Chișinău, bl. Gagarin 2, certificat de acreditare LÎ-134 din 04.07.2022;- Declarații de conformitate CE emise de TOYA SA, Polonia
Standarde relevante: (Applied Standards)	Această declarație nu pune în pericol viața și sănătatea consumatorilor, nu produce impact asupra mediului înconjurător și este în conformitate cu următoarele reglementări tehnice și standarde: <ul style="list-style-type: none">- Reglementarea tehnică Nr. 745 din 26.10.2015 „Punerea la dispoziție pe piață a echipamentelor electrice destinate utilizării în cadrul unor anumite limite de tensiune” transpune Directiva 2014/35/UE.- Documente normative de conformitate conform anexei
Informații suplimentare: (Supplementary information)	Prin prezenta Declarăm că datele furnizate în raportul de încercări acoperă inclusiv întreaga grupă de produse așa cum acestea sunt similare prin construcție, diferențele fiind prin aspectele de design.

Reprezentantul autorizat: **"VOLTA" SRL**, mun. Chișinău, str. Pădurii 19,
Republica Moldova

Chișinău, 14.11.2022

Valabil: 14.11.2023

CRETU Ghenadie

(Nume, funcția)


(semnătura)


Digitally signed by Crețu Ghenadie
Date: 2023.04.28 14:12:51 EEST
Reason: MoldSign Signature
Location: Moldova





S.R.L. "CertElectroTest"
Certificare Voluntară

CERTIFICAT DE CONFORMITATE

Nr. de înregistrare **OCpr - CET 13 C230129-23**

Data emiterii 18 martie 2023

Valabil până la 18 martie 2024

ORGANISMUL DE CERTIFICARE OCpr - CET

ORGANISMUL DE CERTIFICARE PRODUSE (OCpr) din cadrul S.R.L. "CertElectroTest" (CET),
Adresa: str. Alba Iulia, 75A, of. 402, MD 2071, mun. Chișinău; tel.: +373 69585111, +373 69304950; e-mail: cet3.office@gmail.com

PRIN PREZENTUL DOCUMENT SE CONFIRMĂ FAPTUL, CĂ PRODUSELE IDENTIFICATE ASTFEL:
DENUMIREA / DESCRIEREA

Mașini electrice manuale marca **BOSCH** modele conform anexei,
unde (...) - cifre și/sau litere reprezintă variantele modelului
Contract de livrare: nr. f/nr din 01.01.2019 cu SC "ROBERT BOSCH", SRL,
România

SÎNT CONFORME CU CERINȚELE OBLIGATORII STABILITE ÎN :

Documentele normative indicate în anexă

Codul NCM

8467

PRODUCĂTOR

ROBERT BOSCH POWER TOOLS GmbH, Germania și filialele

Codul țării

CN

SOLICITANT

"VOLTA" SRL, str. Pădurii 19, mun. Chișinău, Republica Moldova

Codul IDNO

1003600028059

CERTIFICATUL ESTE ELIBERAT ÎN BAZA

Raport de evaluare final Nr. 067-RE din 14.03.2023, eliberat de OCpr din cadrul "CertElectroTest" S.R.L., mun. Chișinău, str. Alba Iulia nr. 75A, of. 402, MD 2071, RM; Raport de încercări Nr. 511/23 din 04.03.2023, Nr. 515/23 din 04.03.2023 și 16/23 din 04.03.2023, eliberat de LÎ CERTIFICARE SRL, MD 2001, mun. Chișinău, bl. Gagarin 2, certificat de acreditare LÎ-134 din 04.07.2022.

INFORMAȚIE SUPPLEMENTARĂ:

Schema de certificare 2. Certificatul este valabil doar în cazul asigurării cu informație în limba de stat a fiecărei unități de produs conform legislației în vigoare. Contract de prestări servicii Nr. 053 din 09.03.2023.

Conducătorul organismului
de certificare

Popescu Diana



Digitally signed by Crețu Ghenadie
Date: 2023.04.20 11:58:47 EEST
Reason: MoldSign Signature
Location: Moldova

ISO 14001

华标认证
诚信致远



ENVIRONMENTAL MANAGEMENT SYSTEM CERTIFICATE

Certificate No. : 22820E10910R0M
Unified social credit code : 913100006778186997

We hereby certify that the Organization :

YATO TOOLS (SHANGHAI) CO.,LTD

Is in conformity with Environmental Management System Standard :

GB/T 24001-2016/ISO 14001:2015

The Certificate is valid to the following product(s)/service : Environmental management activities related to sales of electric tools, hand tools, pneumatic tools and kitchenware

Registered address: Buildings 8 and 9, Lane 1300, Kangqiao East Road, Kangqiao Town, Pudong New Area, Shanghai

Audit address : Room 101, F2 and F3, building 9, Lane 1300, Kangqiao East Road, Kangqiao Town, Pudong New Area, Shanghai

Date of Issue :30 Aug.2020
Date of Expiry :29 Aug.2023
Date of Initial Issue :30 Aug.2020

This certificate will not remain valid only if the certified organization accepts at least one surveillance audit annually within the 3 years validity period of the certificate and used with the annual surveillance audit report and within the effective administrative licensing.



中国认可
国际互认
管理体系
MANAGEMENT SYSTEM
CNAS C228-M



The effectiveness of the Certificate is subject to QR code the left.
You can search the CNCA website: www.cnca.gov.cn
China Standards Excellent Certification (Beijing) Co., Ltd. Website: www.csecfjma.com



CHINA STANDARDS EXCELLENT CERTIFICATION (BEIJING) COMPANY LTD.(CSEC)

Building 5, No. 106 Yard, Beisihuan East Road, Chaoyang District, Beijing (100029)

MPA-CERTIFICATE

Z-14940/20

MPA-Hannover, accredited laboratory for the testing of grinding tools,
has tested the following abrasive tools:



flat cutting-off wheels type 41 for metal and inox
max. operating speed: 80 m/s, cut width: 1.2 mm
bore diameter: 22.23 mm, outside diameter: 125 mm
Test Report: S 19174-1



Wuyi Bloueshark Abrasives Co.,Ltd.
Wuyi Industrial Area, Wuyi, Jinhua,
Zhejiang Province, 321200, China

All tested tools have fulfilled the safety requirements of
EN 12413:2019 "Safety requirements for bonded abrasive products"

Only cutting-off wheels of the tested type, produced by the mentioned manufacturer, which
satisfy the other requirements of EN 12413 are allowed to be marked with the sign:

MPA Z-14940

The implementation of a Quality-Management-System of the manufacturer is mandatory.
This certificate is only valid in connection with the above mentioned Test Report and will expire on 2021.09.12.

Regular, timely re-testing of the named tools can extend it.

The manufacturer has agreed to unannounced controls of the products during this period.

Garbsen, 2020.02.04



Staatl. gepr. Techniker Michael Heppner





S.R.L. "CertElectroTest"
Certificare Voluntară

CERTIFICAT DE CONFORMITATE

Nr. de înregistrare **OCpr - CET 13 C240165-24**

Data emiterii 18 martie 2024

Valabil până la 18 martie 2025

ORGANISMUL DE CERTIFICARE OCpr - CET

ORGANISMUL DE CERTIFICARE PRODUSE (OCpr) din cadrul S.R.L. "CertElectroTest" (CET),
Adresa: str. Alba Iulia, 75A, of. 402, MD 2071, mun. Chișinău; tel.: +373 69585111, +373 69304950; e-

PRIN PREZENTUL DOCUMENT SE CONFIRMĂ FAPTUL, CĂ PRODUSELE IDENTIFICATE ASTFEL:
DENUMIREA / DESCRIEREA

Mașini electrice manuale marca **BOSCH** modele conform anexei, unde (...) - cifre și/sau litere reprezintă variantele modelului

Contract de livrare: nr. 169 din 28.01.2021 cu SC "ROBERT BOSCH", SRL, România

Codul NCM

8467

SÎNT CONFORME CU CERINȚELE OBLIGATORII STABILITE ÎN :

Documentele normative indicate în anexă

PRODUCĂTOR

ROBERT BOSCH POWER TOOLS GmbH, Germania și filialele

Codul țării

CN

SOLICITANT

"VOLTA" SRL, str. Pădurii 19, mun. Chișinău, Republica Moldova

Codul IDNO

1003600028059

CERTIFICATUL ESTE ELIBERAT ÎN BAZA

Raport de evaluare final Nr. 262-RE din 18.03.2024, eliberat de OCpr din cadrul "CertElectroTest" S.R.L., mun. Chișinău, str. Alba Iulia nr. 75A, of. 402, MD 2071, RM; Raport de încercări Nr. 191/24 din 07.03.2024, Nr. 192/24 din 11.03.2024, Nr. 195/24 din 11.03.2024 eliberat de LÎ CERTIFICARE SRL, MD 2001, mun. Chișinău, bl. Gagarin 2, certificat de acreditare LÎ-134 din 04.07.2022.

INFORMAȚIE SUPPLEMENTARĂ:

Schema de certificare 2. Certificatul este valabil doar în cazul asigurării cu informație în limba de stat a fiecărei unități de produs conform legislației în vigoare. Contract de prestări servicii Nr. 053 din 09.03.2023.

Conducătorul organismului
de certificare



Popescu Diana

DECLARAȚIE DE CONFORMITATE

VOLT - 631/2023

Prezenta declarație de conformitate este emisă pe răspunderea exclusivă a producătorului, semnată pentru și în numele:

TOYA S.A., Polonia

(denumirea și adresa producătorului)

Produsul (tip, model): (Product, (model(s)))	Mașini (unelte) electrice manuale, portabile de uz casnic și industrial marca YATO. Modele a se vedea anexa (vezi pe verso).
Obiectul declarației: (Base of Declaration)	În conformitate cu Legea nr. 235 din 1 decembrie 2011 privind activitățile de acreditare și de evaluare a conformității, declarația de conformitate atestă faptul că produsul îndeplinește cerințele esențiale de securitate menționate în: <ul style="list-style-type: none">- Raport de încercări nr. 1004/23 din 14.11.2023 eliberat de LÎ CERTIFICARE SRL, MD 2001, mun. Chișinău, bl. Gagarin 2, certificat de acreditare LÎ-134 din 04.07.2022;- Declarații de conformitate CE emise de TOYA SA, Polonia
Standarde relevante: (Applied Standards)	Această declarație nu pune în pericol viața și sănătatea consumatorilor, nu produce impact asupra mediului înconjurător și este în conformitate cu următoarele reglementări tehnice și standarde: <ul style="list-style-type: none">- Reglementarea tehnică Nr. 745 din 26.10.2015 „Punerea la dispoziție pe piață a echipamentelor electrice destinate utilizării în cadrul unor anumite limite de tensiune” transpune Directiva 2014/35/UE.- Documente normative de conformitate conform anexei
Informații suplimentare: (Supplementary information)	Prin prezenta Declarăm că datele furnizate în raportul de încercări acoperă inclusiv întreaga grupă de produse așa cum acestea sunt similare prin construcție, diferențele fiind prin aspectele de design.

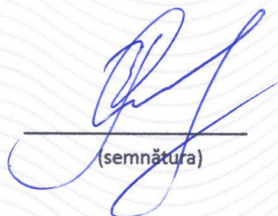
Reprezentantul autorizat: **“VOLTA” SRL**, mun. Chișinău, str. Pădurii 19,
Republica Moldova

Chișinău, 15.11.2023

Valabil: 15.11.2024

CRETU Ghenadie

(Nume, funcția)


(semnătura)



**Lista produselor
asupra cărora se extinde acțiunea declarației de conformitate**

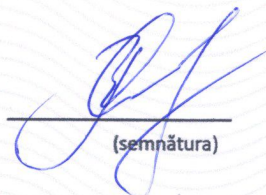
Nr.	Denumirea produsului	Documentul normativ de conformitate
1	Polizor electric unghiular marca YATO modele: YT....	SM EN 60745-1:2014 cap. 7-9, 21; SM EN 60745-2-3:2014 cap. 7- 9, 21; Declarație de conformitate CE 0115/YT-82090/EC/2015 din 02.01.2015 emisă de TOYA S.A., Polonia
2	Polizor electric unghiular cu acumulator Li-Ion marca YATO modele: YT....	SM EN 60745-1:2014 cap. 7-9, 21; SM EN 60745-2-3:2014 cap. 7- 9, 21; Declarație de conformitate CE 0115/YT-82826/EC/2015 din 02.01.2015 emisă de TOYA S.A., Polonia
3	Ciocan electric rotopercurtor (perforator) marca YATO modele: YT...	SM EN 60745-1:2014 cap. 7-9, 21; SM EN 60745-2-6:2014 cap.7- 9, 21; Declarație de conformitate CE 0115/YT-82120/EC/2015 din 02.01.2015 emisă de TOYA S.A., Polonia
4	Renovator electric (instrument multifuncțional oscilant) marca YATO modele: YT...	SM EN 60745-1:2014 cap. 7-9, 21; SM EN 60745-2-4:2014 cap. 7- 9, 21; Declarație de conformitate CE 0613/YT-82220/EC/2013 din 27.06.2013 emisă de TOYA S.A., Polonia

Chișinău, 15.11.2023

Valabil: 15.11.2024

CRETU Ghenadie

(Nume, funcția)


(semnătura)





FEDERATION EUROPEENNE DES
FABRICANTS DE PRODUITS ABRASIFS



Karbosan

Reference / Product name: Flap Disc
Version/Revision (date): 14.07.2021
Printing date: 14.07.2021

page 1 of 6

**Voluntary product information based on the format of a safety data sheet
for flap discs**

1. Identification of the product and of the company/undertaking

1.1 Product identifier

Flap disc products

1.2 Use of the product

Flap disc products for the grinding/sanding of different kinds of materials

1.3 Details of the supplier of the voluntary product information:

Company: Karbosan Zımpara Taşı San. A.Ş.

Factory Address: Veliköy Sanayi Bölgesi Sanayi Cad. No:74 Çerkezköy-Tekirdağ / Turkey

Phone: +90 282 7461391

Fax: +90 212 4716785

E-mail: info@karbosan.com.tr

Web : www.karbosan.com.tr

National contact: Canan GUNSEVER

1.4 Emergency telephone number: +90 212 6989090

2. Hazards identification

2.1. Classification

Not applicable

Abrasives are articles and not dangerous substances or mixtures according to directive 1999/45/EC or Regulation (EC) N° 1272/2008.

See also section 8 and 16.

2.2. Label elements

Abrasives are articles and not dangerous substances or mixtures and therefore no labelling is required according to directive 1999/45/EC or Regulation (EC) N° 1272/2008.

2.3. Other hazards

Not known.

3. Composition/information on ingredients

The product contains the following ingredients which are classified according to 67/548/EEC or Regulation (EC) Nr. 1272/2008 or for which a community occupational exposure limit value exists:

Substance	EC-N°	CAS-N°	REACH Registration N°	Conc. (%)	Classification acc. To Regulation (EC) N° 1272/2008 (CLP)		Classification acc. to Directive 67/548/EEC
					Hazard classes/ Hazard categories	Hazard statements	
Aluminum Oxide		1344-28-1		0-30%			
Zirconium Oxide		1314-23-4		0-30%			
Ceramic Aluminum Oxide		1344-28-1		0-20%			
Epoxy Resin (cured)		N/A		2,5-12,5%	N/A	N/A	N/A
Cryolite	237-410-6	13775-53-6		1-14%	Acute Tox. 4 STOT RE 1 Repr. 2 Aquatic Chronic 2	H332 H372 H362 H411	T; R48/23/25 Xn; R20 N; R51/53 R64
Potassium fluoroborate	237-928-2	14075-53-7	-	0-12%	Eye Irrit. 2A	H319	Xi; R36
Fiberglass backing plate		Mixture		20-60%			
Plastic plate		24993-04-2		20-60%			

(For full text of H- and R-phrases see section 16)

4. First aid measures

See also section 8 and 16

4.1. Description of first aid measures

Inhalation: Not possible, due to the form of the product
 Eye contact: Not possible, due to the form of the product
 Skin contact: No harmful effects known .
 Ingestion: Not likely, due to the form of the product; if necessary contact physician
 Note to physician: Not available.

4.2. Most important symptoms and effects, both acute and delayed

Not known.

4.3. Indication of any immediate medical attention and special treatment needed

Not relevant. Treat symptomatically.

5. Fire fighting measures

5.1. Extinguishing media

Extinguishing media: water, foam, sand, powder or CO₂ as appropriate for surrounding materials

5.2. Special hazards arising from the product

Toxic fumes may occur. Use respiratory protective equipment

5.3. Advice for fire fighters

Extinguishing materials should be selected according to the surrounding area.

6. Accidental release measures

Not applicable.

7. Handling and storage

Follow instructions of grinding machine manufacturers and the relevant national regulations. In addition, observe the safety recommendations of the manufacturer.

8. Exposure controls/personal protection

8.1. Control parameters

Before grinding it is recommended to perform a risk assessment and to use personal protection equipment accordingly.

Occupational exposure limit values and/or biological limit values

Keep exposure to the following components under surveillance.
(Observe also the regional official regulations)

Limit value type (country of origin)	Substance	CAS-N°	Occupational limit value				Peak limit	Source, remark
			Long term		Short term			
			mg/m ³	ml/m ³ (ppm)	mg/m ³	ml/m ³ (ppm)		
for EU	Aluminum Oxide	1344-28-1	5				ACGIH TLV	
	Zirconium Oxide	1314-23-4	5					
	Ceramic Aluminum Oxide	1344-28-1	5					
	Epoxy Resin (cured)	N/A	5					
	Potassium fluoroborate	14075-53-7	2,5 (as F)					
	Cryolite	13775-53-6	2,5				ACGIH TLV, Directive 2000/39/EC; Fluoride (inorganic as F)	
	Fiberglass backing plate*	N/A	N/A				ACGIH TLV	
	Plastic plate*	24993-04-2	N/A					

*Denotes mixture. The specific identity and/or exact concentration of any ingredient is withheld as a trade secret.

Note: Hazardous dust of the workpiece material may be generated during grinding and/or sanding operations. National regulations for dust exposure limit values have to be taken into consideration.

8.2. Exposure controls

8.2.1. Individual protection measures

- 8.2.1.1. Respiratory protection: Use respiratory protective equipment
(type depends on specific application and material being ground)
- 8.2.1.2. Hand protection: Wear protective gloves
(type depends on specific application and material being ground)
- 8.2.1.3. Eye protection: Wear protective goggles or face shield
(type depends on specific application and material being ground)
- 8.2.1.4. Hearing protection: Use hearing protection
(type depends on specific application and material being ground)
- 8.2.1.5. Body protection: Use protective clothing
(type depends on specific application and material being ground)

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

- 9.1.1. Physical state: solid
- 9.1.2. Colour: variable
- 9.1.3. Solubility in water: Not applicable

9.2. Other information

None.

10. Stability and reactivity

10.1. Reactivity

Coated Abrasives are stable when handled or stored correctly.

10.2. Chemical stability

No decomposition in normal use.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

Coated Abrasives are stable when handled or stored correctly.

10.5. Incompatible materials

No dangerous reactions known.

10.6. Hazardous decomposition products

No hazardous decomposition products known.

11. Toxicological information

11.1. Information on toxicological effects

No toxicological effects if inhaled or swallowed or with eye or skin contact are known.
See also section 8.

12. Ecological information

12.1. Toxicity

No effects known.

12.2. Persistence and degradability

No biodegradable potentials known.

12.3. Bioaccumulative potential

No potentials known.

12.4. Mobility in soil

No potentials known.

12.5. Results of PBT and vPvB assessment

Not relevant.

12.6. Other adverse effects

No effects known.

13. Disposal considerations

13.1. Waste treatment methods

13.1.1. Product

Follow national and regional regulations.

Due to the ingredients and properties disposal as hazardous waste (2000/532/EC) (EWC – Nr. 120120)

13.1.2. Packing

Follow national and regional regulations.

14. Transport information

The product is not covered by international regulation on the transport of dangerous goods.



15. Regulatory information

- 15.1. **Safety, health and environmental regulations/legislation specific for the product**
No specific labelling requirements under respective EC directives.
- 15.2. **Chemical safety assessment**
Not relevant.

16. Other information

Changes to the previous versions
See sections 1 to 16.

Literature and data sources

Directive (1999/45/EC), amended by Regulation (EC) N°. 1907/2006.
Directive (67/548/EEC), amended by Directive 2009/2/EC.
REACH Regulation (EC) Nr. 1907/2006, amended by Regulation (EC) N° 552/2009.
Regulation (EC) N° 1272/2008, amended by Regulation (EC) N° 790/2009.
Directive 2000/39/EC, amended by Directive 2009/161/EC
Directive 75/324/EEC, amended by Regulation (EC) N° 219/2009.
Transport regulations according to ADR, RID und IATA.

Hazard statements referred to in section 2 and 3

According to Regulation (EC) N° 1272/2008: None

According to Directive 67/548/EEC: None

The above information is based on our current standard of knowledge and does not constitute any warranty of conditions of the product. The information does not form part of any contractual agreement. It remains the user's responsibility to adhere existing laws and regulations.

Issued by: Quality Assurance Department

Contact: Canan GUNSEVER



FEDERATION EUROPEENNE DES
FABRICANTS DE PRODUITS ABRASIFS



Karbosan

Reference / Product name: Coated
Abrasives Group2 (Annex)
Version/Revision (date): 22.12.2020
Printing date: 22.12.2020

page 1 of 7

**Voluntary product information based on the format of a safety data sheet
for coated abrasives**

1. Identification of the product and of the company/undertaking

1.1 Product identifier

Coated abrasives, (Annex-Group2)

1.2 Use of the product

Coated abrasives for the grinding/sanding of different kinds of materials (metals, wood, plastics, marble & stones, etc.).

1.3 Details of the supplier of the voluntary product information:

Company: Karbosan Zımpara Taşı San. A.Ş.

Factory Address: Veliköy Sanayi Bölgesi Sanayi Cad. No:74 Çerkezköy-Tekirdağ / Turkey

Phone: +90 282 7461391

Fax: +90 212 4716785

E-mail: info@karbosan.com.tr

Web : www.karbosan.com.tr

National contact: Canan GUNSEVER

1.4 Emergency telephone number: +90 212 6989090

2. Hazards identification

2.1. Classification

Not applicable

Abrasives are articles and not dangerous substances or mixtures according to directive 1999/45/EC or Regulation (EC) N° 1272/2008.

See also section 8 and 16.

2.2. Label elements

Abrasives are articles and not dangerous substances or mixtures and therefore no labelling is required according to directive 1999/45/EC or Regulation (EC) N° 1272/2008.

2.3. Other hazards

Not known.

3. Composition/information on ingredients

The product contains the following ingredients which are classified according to 67/548/EEC or Regulation (EC) Nr. 1272/2008 or for which a community occupational exposure limit value exists:

Substance	EC-N°	CAS-N°	REACH Registration N°	Conc. (%)	Classification acc. to Regulation (EC) N° 1272/2008 (CLP)		Classification acc. to Directive 67/548/EEC
					Hazard classes/ hazard categories	Hazard statements	
Cryolite	237-410-6	13775-53-6	05-2114651572- 49-0000	As annexed	Acute Tox. 4 STOT RE 1 Repr . 2 Aquatic Chronic 2	H332 H372 H362 H411	T; R48/23/25 Xn; R20 N; R51/53 R64

(For full text of H- and R-phrases see section 16)

4. First aid measures

See also section 8 and 16

4.1. Description of first aid measures

Inhalation: Not possible, due to the form of the product
 Eye contact: Not possible, due to the form of the product
 Skin contact: No harmful effects known
 Ingestion: Not likely, due to the form of the product; if necessary contact physician
 Note to physician: Not available.

4.2. Most important symptoms and effects, both acute and delayed

Not known.

4.3. Indication of any immediate medical attention and special treatment needed

Not relevant. Treat symptomatically.

5. Fire fighting measures

5.1. Extinguishing media

Extinguishing media: water, foam, sand, powder or CO₂ as appropriate for surrounding materials

5.2. Special hazards arising from the product

Toxic fumes may occur. Use respiratory protective equipment.

5.3. Advice for fire fighters

Extinguishing materials should be selected according to the surrounding area.

6. Accidental release measures

Not applicable.

7. Handling and storage

Follow instructions of grinding machine manufacturers and the relevant national regulations. In addition, observe the safety recommendations of the manufacturer.

8. Exposure controls/personal protection

8.1. Control parameters

Before grinding it is recommended to perform a risk assessment and to use personal protection equipment accordingly.

Occupational exposure limit values and/or biological limit values

Keep exposure to the following components under surveillance.
(Observe also the regional official regulations)

Limit value type (country of origin)	substance	EC-N°	CAS-N°	Occupational limit value				Peak limit	Source, remark
				Long term		Short term			
				mg/m ³	ml/m ³ (ppm)	mg/m ³	ml/m ³ (ppm)		
for EU	Cryolite	237-410-6	13775-53-6	2,5				Directive 2000/39/EC; Fluoride (inorganic as F)	

Note: Hazardous dust of the workpiece material may be generated during grinding and/or sanding operations. National regulations for dust exposure limit values have to be taken into consideration.

8.2. Exposure controls

8.2.1. Individual protection measures

8.2.1.1. Respiratory protection: Use respiratory protective equipment

(type depends on specific application and material being ground)

8.2.1.2. Hand protection: Wear protective gloves

(type depends on specific application and material being ground)

8.2.1.3. Eye protection: Wear protective goggles or face shield

(type depends on specific application and material being ground)

- 8.2.1.4. Hearing protection: Use hearing protection
(type depends on specific application and material being ground)
- 8.2.1.5. Body protection: Use protective clothing
(type depends on specific application and material being ground)

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

- 9.1.1. Physical state: solid
- 9.1.2. Colour: variable
- 9.1.3. Solubility in water: Not applicable

9.2. Other information

None.

10. Stability and reactivity

10.1. Reactivity

Coated Abrasives are stable when handled or stored correctly.

10.2. Chemical stability

No decomposition in normal use.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

Coated Abrasives are stable when handled or stored correctly.

10.5. Incompatible materials

No dangerous reactions known.

10.6. Hazardous decomposition products

At temperatures exceeding 250° C hazardous or toxic decomposition products may be generated.

11. Toxicological information

11.1. Information on toxicological effects

No toxicological effects if inhaled or swallowed or with eye or skin contact are known.
See also section 8.

12. Ecological information

12.1. Toxicity

No effects known.

12.2. Persistence and degradability

No biodegradable potentials known.

12.3. Bioaccumulative potential

No potentials known.

12.4. Mobility in soil

No potentials known.

12.5. Results of PBT and vPvB assessment

Not relevant.

12.6. Other adverse effects

No effects known.

13. Disposal considerations**13.1. Waste treatment methods**

13.1.1. Product

Follow national and regional regulations.

Due to the ingredients and properties disposal as hazardous waste (2000/532/EC) (EWC – Nr. 120120)

13.1.2. Packing

Follow national and regional regulations.

14. Transport information

The product is not covered by international regulation on the transport of dangerous goods.

15. Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the product**

No specific labelling requirements under respective EC directives.

15.2. Chemical safety assessment

Not relevant.

16. Other information**Changes to the previous versions**

See sections 1 to 16.



FEDERATION EUROPEENNE DES
FABRICANTS DE PRODUITS ABRASIFS



Karbosan

Reference / Product name: Coated
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Literature and data sources

Directive (1999/45/EC), amended by Regulation (EC) N°. 1907/2006.
Directive (67/548/EEC), amended by Directive 2009/2/EC.
REACH Regulation (EC) Nr. 1907/2006, amended by Regulation (EC) N° 552/2009.
Regulation (EC) N° 1272/2008, amended by Regulation (EC) N° 790/2009.
Directive 2000/39/EC, amended by Directive 2009/161/EC
Directive 75/324/EEC, amended by Regulation (EC) N° 219/2009.
Transport regulations according to ADR, RID und IATA.

Hazard statements referred to in section 2 and 3 According to

Regulation (EC) N° 1272/2008:

H – phrases for cryolite:

H 332 Harmful if inhaled
H 372 May cause damage to organs (lung, skeleton) to prolonged or repeated exposure
H 362 May cause harm to breast-fed babies
H 411 Toxic to aquatic life with long lasting effects

According to Directive 67/548/EEC:

R – phrases for cryolite:

R 20 Harmful by inhalation
R 48/23/25 Toxic: danger of serious damage to health by prolonged exposure through inhalation and if swallowed
R 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R 64 May cause harm to breast-fed babies

The above information is based on our current standard of knowledge and does not constitute any warranty of conditions of the product. The information does not form part of any contractual agreement. It remains the user's responsibility to adhere existing laws and regulations.

Issued by: Research and Development Department

Contact: Canan GUNSEVER



Annex

Group 2

Code	Grit Range	Colour	Solubility	Concentration of Cryolite
AFR71	P:40-600	Maroon	insignificant	7-12%
AGYYR21	80-600	Maroon	insignificant	1-14%
AJFR12	P:60-600	Maroon	insignificant	1-5%
AJFR13	P:60-600	Maroon	insignificant	1-5%
AWR11	P:16-120	Maroon	insignificant	5-10%
AXER11	P:36-120	Maroon	insignificant	1-14%
AXFR11	P:40-600	Maroon	insignificant	2-13%
AXFR12	P:40-600	Maroon	insignificant	1-13%
AXPR11	P:24-400	Maroon	insignificant	1-14%
AXPR12	P:36-120	Maroon	insignificant	1-14%
AXPR13	P:36-120	Maroon	insignificant	1-14%
AYXR11	P:16-600	Maroon	insignificant	1-14%
CEFR91	24-400	Light Red	insignificant	7-12%
CEYYR21	24-120	Light Red	insignificant	7-12%
CJFR11	P:60-600	Black	insignificant	2-11%
CJFR31	P:60-320	White	insignificant	2-11%
ZFR91	24-400	Blue	insignificant	7-12%
ZWR11	24-120	Blue	insignificant	6-11%
ZXPR11	24-120	Blue	insignificant	2-14%
ZXPR13	24-120	Blue	insignificant	2-14%
ZXPR22	24-120	Blue	insignificant	2-14%
ZXR11	24-120	Blue	insignificant	2-9%
ZXR12	36-120	Blue	insignificant	2-9%
ZYYR11	24-400	Blue	insignificant	2-7%
	P:FEPA			



FEDERATION EUROPEENNE DES
FABRICANTS DE PRODUITS ABRASIFS



Karbosan

Reference / Product name: Coated
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**Voluntary product information based on the format of a safety data sheet
for coated abrasives**

1. Identification of the product and of the company/undertaking

1.1 Product identifier

Coated abrasives, (Annex-Group3)

1.2 Use of the product

Coated abrasives for the grinding/sanding of different kinds of materials (metals, wood, plastics, marble & stones, etc.).

1.3 Details of the supplier of the voluntary product information:

Company: Karbosan Zımpara Taşı San. A.Ş.

Factory Address: Veliköy Sanayi Bölgesi Sanayi Cad. No:74 Çerkezköy-Tekirdağ / Turkey

Phone: +90 282 7461391

Fax: +90 212 4716785

E-mail: info@karbosan.com.tr

Web : www.karbosan.com.tr

National contact: Canan GUNSEVER

1.4 Emergency telephone number: +90 212 6989090

2. Hazards identification

2.1. Classification

Not applicable

Abrasives are articles and not dangerous substances or mixtures according to directive 1999/45/EC or Regulation (EC) N° 1272/2008.

See also section 8 and 16.

2.2. Label elements

Abrasives are articles and not dangerous substances or mixtures and therefore no labelling is required according to directive 1999/45/EC or Regulation (EC) N° 1272/2008.

2.3. Other hazards

Not known.

3. Composition/information on ingredients

The product contains the following ingredients which are classified according to 67/548/EEC or Regulation (EC) Nr. 1272/2008 or for which a community occupational exposure limit value exists:

Substance	EC-N°	CAS-N°	REACH Registration N°	Conc. (%)	Classification acc. to Regulation (EC) N° 1272/2008 (CLP)		Classification acc. to Directive 67/548/EEC
					Hazard classes/ hazard categories	Hazard statements	
Cryolite	237-410-6	13775-53-6	05-2114651572- 49-0000	As annexed	Acute Tox. 4 STOT RE 1 Repr . 2 Aquatic Chronic 2	H332 H372 H362 H411	T; R48/23/25 Xn; R20 N; R51/53 R64
Potassium fluoroborate	237-928-2	14075-53-7	-	As annexed	Eye Irrit. 2A	H319	Xi; R36

(For full text of H- and R-phrases see section 16)

4. First aid measures

See also section 8 and 16

4.1. Description of first aid measures

Inhalation: Not possible, due to the form of the product

Eye contact: Not possible, due to the form of the product

Skin contact: No harmful effects known

Ingestion: Not likely, due to the form of the product; if necessary contact physician

Note to physician: Not available.

4.2. Most important symptoms and effects, both acute and delayed

Not known.

4.3. Indication of any immediate medical attention and special treatment needed

Not relevant. Treat symptomatically.

5. Fire fighting measures

5.1. Extinguishing media

Extinguishing media: water, foam, sand, powder or CO₂ as appropriate for surrounding materials

5.2. Special hazards arising from the product

Toxic fumes may occur. Use respiratory protective equipment

5.3. Advice for fire fighters

Extinguishing materials should be selected according to the surrounding area.

6. Accidental release measures

Not applicable.

7. Handling and storage

Follow instructions of grinding machine manufacturers and the relevant national regulations. In addition, observe the safety recommendations of the manufacturer.

8. Exposure controls/personal protection

8.1. Control parameters

Before grinding it is recommended to perform a risk assessment and to use personal protection equipment accordingly.

Occupational exposure limit values and/or biological limit values

Keep exposure to the following components under surveillance.
(Observe also the regional official regulations)

Limit value type (country of origin)	substance	EC-N°	CAS-N°	Occupational limit value				Peak limit	Source, remark
				Long term		Short term			
				mg/m ³	ml/m ³ (ppm)	mg/m ³	ml/m ³ (ppm)		
for EU	Cryolite	237-410-6	13775-53-6	2,5				Directive 2000/39/EC; Fluoride (inorganic as F)	
for EU	Potassium fluoroborate	237-928-2	14075-53-7	2,5				Respirable dust as F	

Note: Hazardous dust of the workpiece material may be generated during grinding and/or sanding operations. National regulations for dust exposure limit values have to be taken into consideration.

8.2. Exposure controls

8.2.1. Individual protection measures

8.2.1.1. Respiratory protection: Use respiratory protective equipment

(type depends on specific application and material being ground)

8.2.1.2. Hand protection: Wear protective gloves

(type depends on specific application and material being ground)

- 8.2.1.3. Eye protection: Wear protective goggles or face shield
(type depends on specific application and material being ground)
- 8.2.1.4. Hearing protection: Use hearing protection
(type depends on specific application and material being ground)
- 8.2.1.5. Body protection: Use protective clothing
(type depends on specific application and material being ground)

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

- 9.1.1. Physical state: solid
- 9.1.2. Colour: variable
- 9.1.3. Solubility in water: Not applicable

9.2. Other information

None.

10. Stability and reactivity

10.1. Reactivity

Coated Abrasives are stable when handled or stored correctly.

10.2. Chemical stability

No decomposition in normal use.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

Coated Abrasives are stable when handled or stored correctly.

10.5. Incompatible materials

No dangerous reactions known.

10.6. Hazardous decomposition products

At temperatures exceeding 250° C hazardous or toxic decomposition products may be generated.

11. Toxicological information

11.1. Information on toxicological effects

No toxicological effects if inhaled or swallowed or with eye or skin contact are known.
See also section 8.



12. Ecological information

12.1. Toxicity

No effects known.

12.2. Persistence and degradability

No biodegradable potentials known.

12.3. Bioaccumulative potential

No potentials known.

12.4. Mobility in soil

No potentials known.

12.5. Results of PBT and vPvB assessment

Not relevant.

12.6. Other adverse effects

No effects known.

13. Disposal considerations

13.1. Waste treatment methods

13.1.1. Product

Follow national and regional regulations.

Due to the ingredients and properties disposal as hazardous waste (2000/532/EC) (EWC – Nr. 120120)

13.1.2. Packing

Follow national and regional regulations.

14. Transport information

The product is not covered by international regulation on the transport of dangerous goods.

15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the product

No specific labelling requirements under respective EC directives.

15.2. Chemical safety assessment

Not relevant.

16. Other information

Changes to the previous versions

See sections 1 to 16.

Literature and data sources

Directive (1999/45/EC), amended by Regulation (EC) N°. 1907/2006.
Directive (67/548/EEC), amended by Directive 2009/2/EC.
REACH Regulation (EC) Nr. 1907/2006, amended by Regulation (EC) N° 552/2009.
Regulation (EC) N° 1272/2008, amended by Regulation (EC) N° 790/2009.
Directive 2000/39/EC, amended by Directive 2009/161/EC
Directive 75/324/EEC, amended by Regulation (EC) N° 219/2009.
Transport regulations according to ADR, RID und IATA.

Hazard statements referred to in section 2 and 3 According to**Regulation (EC) N° 1272/2008:**H – phrases for cryolite;

H 332 Harmful if inhaled
H 372 May cause damage to organs (lung, skeleton) to prolonged or repeated exposure
H 362 May cause harm to breast-fed babies
H 411 Toxic to aquatic life with long lasting effects

H – phrases for potassium fluoroborate;

H319 Causes serious eye irritation.

According to Directive 67/548/EEC:R – phrases for cryolite;

R 20 Harmful by inhalation
R 48/23/25 Toxic: danger of serious damage to health by prolonged exposure through inhalation and if swallowed
R 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R 64 May cause harm to breast-fed babies

R – phrases for potassium fluoroborate;

R36 Irritating to eyes

The above information is based on our current standard of knowledge and does not constitute any warranty of conditions of the product. The information does not form part of any contractual agreement. It remains the user's responsibility to adhere existing laws and regulations.

Issued by: Research and Development Department

Contact: Canan GUNSEVER



FEDERATION EUROPEENNE DES
FABRICANTS DE PRODUITS ABRASIFS



Karbosan

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Annex

Group 3

Code	Grit Range	Colour	Solubility	Concentration of Cryolite	Concentration of Potassium Fluoroborate
AJFR10	60-600	Green	insignificant	0-7%	0-3%
AJFR11	P:60-600	Green	insignificant	0-7%	0-3%
CEF51	60-220	Light Red	insignificant	2-5%	5-12%
CER51	24-120	Light Red	insignificant	2-5%	7-12%
CEY51	36-120	Light Red	insignificant	2-5%	7-12%
CEYYR51	24-120	Light Red	insignificant	2-5%	7-12%
CEYYR52	24-120	Yellow	insignificant	6-9%	2-8%
ZWR51	24-120	Blue	insignificant	2-5%	7-12%
ZYYR51	24-120	Blue	insignificant	2-5%	5-13%
	P: FEPA				

KONTROLLU KOPYA