

# Material Safety Data Sheet

Issue date: APRIL, 2018

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME : Direct Thermal Synthetic Paper (Ulstar 1100HD & Ulstar 2100HD)

MANUFACTURER : Durico C&T, Inc., Oedap 6-gil, Sangju-si  
Gyeongbuk 37240, Korea

EMERGENCY CALL : TEL) 82-2-525-8405, 82-54-534-8385, FAX) 82-2-525-7461

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Components:	CAS No:	Content(%)
Octadecanoic acid zinc salt	557-05-1	< 1
4,4'4''-(Methyl-1-propantl-3-ylidene)tris[2-(1,1-dimethylentyl)-5-methylphenol;4,4'4''-(1-Methylpropanyl-3-ylidene)tris[6-tert-butyl-m-cresol]	1843-03-4	< 1
Acetic acid ethenyl ester polymer with ethenol	25213-24-5	< 1
Calcium Carbonate	471-34-1	1 ~ 5
Silicon dioxide	7631-86-9	< 1
polyvinyl alcohol	9002-89-5	1 ~ 5
POLYPROPYLENE	9003-07-0	70 ~ 90
2-Anilino-3-methyl-6-(di-n-butylamino)fluoran	89331-94-2	< 1
4-Hydroxy-4-isopropoxydiphenylsulfone	95235-30-6	1 ~ 5
Acrylate resin A	TRADE SECRET	1 ~ 5
Acrylate resin B	TRADE SECRET	1 ~ 5
Acrylate resin C	334636-90-7	1 ~ 5
Etc. (The other components are not hazardous or are below required disclosure limis)		1 ~ 5

## 3. HAZARDS IDENTIFICATION

Emergency overview : White film, can burn fire, not release toxic vapors,  
Gases and fumes.

Potential health effects : Practically not harmful;(Eyes, Skin, Inhalation)

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#### 4. FIRST AID MEASURES

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EYE CONTACT : Immediately flush eyes with plenty water. Get medical attention.

SKIN CONTACT : Wash with water.

INHALATION :Remove to fresh air. Get medical attention.

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#### 5. FIRE FIGHTING MEASURES

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Extinguishing media : Water, Foam, CO<sub>2</sub>

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#### 6. ACCIDENTAL RELEASE MEASURES

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Accidental release does not occur. No special measures required.

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#### 7. HANDLING AND STORAGE

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Storage : Store in the warehouse at temperature less than 40°C.

Keep away from moisture and heat.

Handling : Nothing special

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#### 8. EXPOSURE CONTROL/PERSONAL PROTECTION

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Nothing special

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#### 9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance : White opaque film

Specific gravity : 0.90

Melting point : 165°C

Solubility in water : Insoluble

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#### 10. STABILITY AND REACTIVITY

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Flash point : 475°C

Flammable limits : 250°C(Cleveland)

Explosion, dust explosion : Does not occur

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#### 11. TOXICOLOGICAL INFORMATION

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Skin irritation : Nonirritating to skin

Eyes irritation : No data available

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#### 12. ECOLOGICAL INFORMATION

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Not degradable

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#### 13. DISPOSAL CONSIDERATIONS

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Disposal method : Incineration or landfill in accordance with applicable regulations.

Disposal should be done under conditions which meet all regulations relating to waste in your country.

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#### 14. TRANSPORT INFORMATION

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Nothing special

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#### 15. REGULATORY INFORMATION

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Follow all regulations in your country. In Korea as follows:

Industrial Safety and Health Law : not applicable

Fire Service Law : not applicable

Poisonous Substance Control Law : not applicable

Water Pollution Control Law : not applicable

Air Pollution Control Law : not applicable

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#### 16. OTHER INFORMATION

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The statements in this bulletin were made to the best of our knowledge and as accurate as possible. They are given for information only. They do not constitute a contractual guarantee of a product' s properties.



Durico C&T, Inc.

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June 4, 2019

## **DECLARATION OF CONFORMITY**

TO WHOM IT MAY CONCERN:

WE, DURICO C&T, INC., HEREBY DECLARE THAT OUR ULSTAR BRAND THERMAL PAPER FOR VIDEO PRINTER (ULSTAR-1100HG, ULSTAR-1100HD, ULSTAR-1100S, ULSTAR-2100HD, ULSTAR-840HG, ULSTAR-840S, ULSTAR-1100HD MATT, ULSTAR-1100HD MIBI, ULSTAR-1100S MIBI) DOESN'T CONTAIN ANY BISPHENOL A .

FOR YOUR INFORMATION, DURICO C&T, INC. IS THE MANUFACTURER AND EXPORTER OF ULSTAR BRAND THERMAL PAPER FOR VIDEO PRINTER (ULSTAR-1100HG, ULSTAR-1100HD, ULSTAR-1100S, ULSTAR-2100HD, ULSTAR-840HG, ULSTAR-840S, ULSTAR-1100HD MATT, ULSTAR-1100HD MIBI, ULSTAR-1100S MIBI).

SINCERELY YOURS,

DURICO C&T, INC.

A red circular stamp is placed over the signature. The stamp contains the text "DURICO C&T, INC." around the top inner edge and "KOREA" around the bottom inner edge, with two small stars on either side. In the center of the stamp, the name "Mr. H. Chung" is written in a cursive, handwritten style. Below the stamp, a horizontal line is drawn, and the words "AUTHORIZED SIGNATURE" are printed underneath it.

Mr. H. Chung

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AUTHORIZED SIGNATURE

## EC Declaration of Conformity

Manufacturer: Durico C&T, Inc.  
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European representative: Durico Imaging BVBA  
Villastraat 2 C  
1830 Machelen, Belgium

Product: Thermal Paper for Video Printer (Super ULSTAR Brand)  
Model: ULSTAR-1100HG, ULSTAR-1100HD, ULSTAR-2100HD,  
ULSTAR-1100HD mibi, ULSTAR-1100HD MATT, ULSTAR-1100S,  
ULSTAR-1100S mibi, ULSTAR-840HG, ULSTAR-840S

Classification: Class I by the rules of Classification Criteria, Annex IX, MDD 93/42/EEC.

Conformity Assessment Route: Annex VII, MDD 93/42/EEC

We herewith declare that the above mentioned products meet the provisions of the Council Directive 93/42/EEC for medical devices. All supporting documentation is retained under the premises of the manufacturer.

Place and Date of issue: Korea, May 1, 2019

Signature:



J.W. Kim, President  
on behalf of Durico C&T, Inc.