

SAPHIRA U6601 UV gloss HB

U6601

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1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Trade name : SAPHIRA U6601 UV Gloss HB
Use : Industrial.
Company identification : See producer or distributor.
Chemical Characterization : UV curing coating based on low viscosity reactive acrylates

2 HAZARDS IDENTIFICATION

Hazard designation : Irritant
Particular information pertaining specific risk for human and environment
The product is water polluting. May cause sensitization by skin contact and irritating to eyes and skin

3 COMPOSITION / INFORMATION ON INGREDIENTS

Hazards identification
Tripropyleneglycol diacrylate
Concentration : 3-10% CAS No. 42978-66-5
Symbol : XI R : 36/38-43
Trimethylolpropane triacrylate
Concentration : 20-40% CAS No. 15625-89-5
Symbol : XI R : 36/38-43

4 FIRST AID MEASURES

First aid measures

- Inhalation : If not breathing, give artificial respiration.
Remove victim to fresh air.
- Skin contact : Remove contaminated clothing and shoes.
Flush with plenty of water.
Seek medical attention if ill effect or irritation develops.
- Eye contact : In case of eye contact, immediately rinse with clean water for 10-15 minutes.
Obtain medical attention if pain, blinking, tears or redness persist.
- Ingestion : If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.
Rinse mouth.

5 FIRE-FIGHTING MEASURES

Extinguishing media : Powder.
Foam.
Carbon dioxide.

- Unsuitable extinguishing media : Water.

Prevention : No naked lights. No smoking. Keep away from heat.

Protection against fire : Do not enter fire area without proper protective equipment, including respiratory protection and Use water spray or fog for cooling exposed containers.

Special procedures : Avoid (reject) fire-fighting water to enter environment.
Use water spray or fog for cooling exposed containers.

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In case of emergency :

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6 ACCIDENTAL RELEASE MEASURES

Personal precautions :	Wear recommended personal protective equipment.
Environmental precautions :	Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.
Clean up methods :	Recover the cleaning water for later disposal. Cleaning residues containing this material may be classified hazardous waste. Impound and recover large spill by mixing it with inert granular solids.

7 HANDLING AND STORAGE

Technical protective measures	
Storage :	Keep only in the original container in a cool (15-20°C), well ventilated place.
Storage - away from :	Extremely high temperatures. S16 : Keep away from sources of ignition - No smoking and Heat.
Handling :	Avoid all unnecessary exposure. Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap. When using do not eat or drink.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protection	
- Respiratory protection :	No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.
- Hand protection :	wear neoprene gloves.
- Skin protection :	wear suitable protective clothing.
- Eye protection :	Safety glasses with side guards should be worn to prevent injury from airborne particles and/or other eye contact with this product.
- Ingestion :	When using, do not eat, drink or smoke.
Industrial hygiene :	Provide local exhaust and general ventilation must be adequate to meet exposure standards.

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical state at 20 °C :	Liquid
Colour :	Transparent
Odour :	Mild
Density :	1.1 g / cm ³
Solubility in water :	Insoluble.
Vapor pressure [50°C] :	< 0.1 hPa
Viscosity	200-300 cP s
Flash point [°C] :	>100
Auto-ignition temperature [°C] :	ca. 235
Explosion limits - lower [%] :	None
Explosion limits - upper [%] :	None

10 STABILITY AND REACTIVITY

Hazardous decomposition products :	None under normal conditions.
Materials to avoid :	Keep away from free radical initiators, peroxides, strong alkalis or reactive metal to prevent exothermic polymerization.
Conditions to avoid :	Heat, Strong UV sources, Direct sunlight

11 TOXICOLOGICAL INFORMATION

On product :	No data available.
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12 ECOLOGICAL INFORMATION

Ecological effects information : May cause long-term adverse effects in the aquatic environment.
This product contains hazardous components for the environment.

Environmental precautions Prevent entry to sewers and public waters.

13 DISPOSAL CONSIDERATIONS

General : Dispose in a safe manner in accordance with local/national regulations.
Avoid release to the environment.

EU Industrial waste number : 08 04 10

EU Package wastenumber : 15 01 06

14 TRANSPORT INFORMATION

General information : Not regulated.

ADR/RID : Not regulated.

- IMO-IMDG code : Not applicable.

- ICAO/IATA : Not applicable.

15 REGULATORY INFORMATION

Classification according to EEC directives

Danger symbol and danger designation

Xi Irritant

Hazard-determining components of labelling

Tripropyleneglycol diacrylate

Trimethylolpropanetriacrylate

R Phrase(s) : 43 May cause sensitization by skin contact
36/38 Irritating to eyes and skin

S Phrase(s) : 20/21 When using do not eat, drink and smoke
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
28 After contact with skin, wash immediately with plenty of water and soap
29 Do not empty into drains
37/39 Wear suitable protective gloves and eye/face protection
51 Use only in well ventilated areas.

16 OTHER INFORMATION

Print date : 11/8/2012

Further information : UV Curing product

According to their chemicals structure, the applied raw materials do not contain any antimony, arsenic, soluble barium, lead, cadmium, chromium, mercury and selenium.

The contents and format of this SDS are in accordance with Regulation (EG) 1907/2006 Article 31 Appendix 2 (REACH)

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