



SAFETY DATA SHEET

DELGLAZE

Page 1 of 6

Issued: JUNE 2008

Revision No: 2

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

Product name: DELGLAZE
Product code: C3-1114
Company name: Delvemade Limited
3, Stott Road,
Swinton,
Manchester
M27 0FF
United Kingdom
Tel: +44 (0) 161 794 5470
Fax: +44 (0) 161 727 8167
Emergency Tel: +44 (0) 161 794 5470

2. COMPOSITION / INFORMATION ON INGREDIENTS

- Hazardous ingredients:** TINUVIN 292 <1%
[Sens.] R43; [N] R50/53
- TINUVIN 1130 <1%
[Sens.] R43; [N] R51/53
 - 2-METHOXY-1 -METHYLETHYL ACETATE 10-30%
EINECS: 203-603-9 CAS: 108-65-6
[-] RI0; [Xi] R36
 - 2,6-DIMETHYLHEPTAN-4-ONE 10-30%
EINECS: 203-620-1 CAS: 108-83-8
[-] RI0; [Xi] R37
 - 3-ISOCYANATOMETHYL-3,5,5-TRIMETHYLCYCLOHEXYLISOCYANATE <1%
EINECS: 223-861-6 CAS: 4098-71-9
[T] R23; [Xi] R36/37/38; [Sens.] R42/43; [N] R51/53
 - XYLENE 1-10%
EINECS: 215-535-7 CAS: 1330-20-7
[-] RI0; [Xn] R20/21; [Xi] R38

3. HAZARDS IDENTIFICATION

Main hazards: Flammable. Irritating to eyes and respiratory system. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Other hazards: In use, may form flammable / explosive vapour-air mixture.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

4. FIRST AID MEASURES (ACTION)

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.

Exposure hazards: Flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid. Eliminate all sources of ignition.

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.

7. HANDLING AND STORAGE

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air. Smoking is forbidden. Use non-sparking tools.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. Keep away from sources of Ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.

Suitable packaging: Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients: TINUVIN 292

WEL (8 hr TWA): 1 mg/M3

- TINUVIN 1130

WEL (8 hr TWA): 1MG/M

- 2-METHOXY-1 -METHYLETHYL ACETATE

WEL (8 hr TWA): 274 mg/m3 WEL (15 min STEL): 822 mg/m3

- 2,6-DIMETHYLHEPTAN-4-ONE

WEL (8 hr TWA): 148 mg/m3

- 3-ISOCYANATOMETHYL-3,5,5-TRIMETHYLCYCLOHEXYLISOCYANATE

WEL (8 hr TWA): 0.02 mg/m3 WEL (15 min STEL): 0.07 mg/m3

- XYLENE

WEL (8 hr TWA): 100PPM WEL (15 min STEL): 150PPM

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Blue

Odour: Nauseating

Evaporation rate: Slow

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Insoluble

Also soluble in: Most organic solvents.

Viscosity: Non-viscous

Viscosity value: 5000CPS

Flash point °C: 54

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions. Stable at room temperature.

Conditions to avoid: Heat. Hot surfaces. Sources of ignition. Flames.

Materials to avoid: Strong oxidising agents. Strong acids

Haz. decomp. products: In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

- Hazardous ingredients:** TINUVIN 292
ORL RAT LD50 >2000 mg/kg
- TINUVIN 1130
ORL RAT LD50 >2000 mg/kg
 - 2-METHOXY-1-METHYLETHYL ACETATE
IPR MUS LD50 750 mg/kg
ORL RAT LD50 8532 mg/kg
 - 2,6-DIMETHYLHEPTAN-4-ONE
ORL MUS LD50 1416 mg/kg
ORL RAT LD50 5750 mg/kg
 - 3-ISOCYANATOMETHYL-3,5,5-TRIMETHYLCYCLOHEXYLISOCYANATE
ORL MUS LDLO 2500 µl/kg
ORL RAT LD50 4825 mg/kg
SKN RAT LDLO 1 ml/kg
 - XYLENE
ORL MUS LD50 2119 mg/kg
ORL RAT LD50 4300 mg/kg
SCU RAT LD50 1700 mg/kg
- Routes of exposure:** Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION

Hazardous ingredients: TINUVIN 292
 FISH BLUEGILLS 96H LC50 0.97 mg/l
 FISH RAINBOW TROUT 96H LC50 7.90 mg/l
 • TINUVIN 1130
 DAPHNIA MAGNA 48H EC50 3.80 mg/l
 FISH BLUEGILLS 96H LC50 2.80 mg/l

Mobility: Readily absorbed into soil.

Persistence and degradability: Biodegradable.

Bioaccumulative potential: No bioaccumulation potential.

Other adverse effects: Harmful to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

Disposal of packaging: Dispose of as normal industrial waste.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

ADR / RID

UN no: 1866	ADR Class: 3
Packing group: III	Classification code: F1
Shipping name: RESIN SOLUTION	
Labelling: 3	Hazard ID no: 30



IMDG / IMO

UN no: 1866	Class: 3
Packing group: III	EmS: 3-05/
Marine Pollutant: .	Labelling: 3

IATA / ICAO

UN no: 1866	Class: 3
Packing group: III	Packing Instructions: 309(P&CA); 310(CAO)
Labelling: 3	

15 REGULATORY INFORMATION**Hazard symbols:** Irritant.**Risk phrases:** R10: Flammable.
R36/37: Irritating to eyes and respiratory system.
R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.**Safety phrases:** S23: Do not breathe vapour.
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S29/56: Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.
S57: Use appropriate container to avoid environmental contamination.**Precautionary phrases:** Contains tinuvin 292, tinuvin 1130, hardener hy 1120, 3-isocyanatomethyl-3,5,5-trimethylcyclohexylisocyanate. May produce an allergic reaction.**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.**16. OTHER INFORMATION****Risk phrases used in s.3:** R43: May cause sensitisation by skin contact.
R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R10: Flammable.
R36: Irritating to eyes.
R37: Irritating to respiratory system.
R23: Toxic by inhalation
R36/37/38: Irritating to eyes, respiratory system and skin.
R42/43: May cause sensitisation by inhalation and skin contact.
R20/21: Harmful by inhalation and in contact with skin.
R38: Irritating to skin.**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.