

Material Safety Data Sheet

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1. Identification of the substance/preparation

Product name: Glassmaster Pro Low Viscosity
Product type: Low viscosity adhesive for use in decorative glass bevel bonding.

2. Composition and information on Harmful ingredients

Ingredients	% by weight	Hazard symbol	Risk Phrases	Safety Phrases
ISO Bornyl Acrylate	<15%	Xi	R36/37/38	S24/25
Polyester acrylate	<80%	None	None	S24/25
Hydroxyethyl Methacrylate	<15%	Xi	R36/38, R43	S26, S28
Vinyltrimethoxysilane	<15%	Xn	R10, R20	S23, S26, S37/39

3. Hazards Identification

Label Precautionary statements: Xi- St Andrew's cross - Irritating to eyes and skin. Harmful

Environmental: No information currently available

4. First Aid Measures

Inhalation: Remove the patient to fresh air, keep the patient warm and at rest. If recovery is not rapid, seek immediate medical attention.

Skin Contact: Immediately wash the affected area with soap and water, do not use solvents. Remove contaminated clothing and wash before re-use. If symptoms occur, seek medical attention.

Eye Contact: Flush eyes immediately with lots of water or suitable eye wash. If irritation persists, seek medical attention.

Ingestion: Rinse the mouth with water. Do not induce vomiting. Seek urgent medical attention.

5. Fire Fighting Measures

Extinguishing media: Carbon Dioxide, dry chemical or foam

Special Hazards: May explode when heated or exposed to flames or sparks. Combustion may produce hazardous decomposition products

Protective equipment for Firefighters: Self-contained breathing apparatus is recommended

6. Accidental release measures

Personal Precautions: Eliminate sources of ignition. Ensure adequate ventilation. Avoid contact with skin and eyes by using suitable gloves and goggles.

Environmental Precautions: Prevent entry to drains, sewers or watercourses. Dispose of any containers carefully.

Workplace Precautions: Ensure operators are working in well-ventilated areas. If there is a spillage absorb the spill with sand, earth or approved absorbent. Place in suitable container, using spark proof equipment and dispose of in accordance with local regulations. Wash any surrounding spill area with soap and water.

7. Handling and Storage

Handling Precautions: Wear suitable protective clothing and personal protective equipment for the task being undertaken. Avoid contact with eyes and skin using gloves and goggles. Avoid inhalation of the product vapours and always ensure that there is adequate ventilation. Ensure that high standards of industrial cleanliness and hygiene are operated at all times.

Storage: Store containers upright in the original packaging with the lid on and sealed properly. Keep in a cool, dry, shaded and well-ventilated place at an ambient temperature. Containers should be kept out of direct sunlight and away from flames and sources of heat and ignition. Keep container closed when not in use.

8. Exposure control and personal protection

- Ventilation:** Always ensure the working area is well ventilated at all times. If working in a confined area use effective mechanical ventilation. Exhaust ventilation is highly recommended
- Respiratory Protection:** Normal-working conditions should have adequate ventilation and vapour extraction. In areas of confined space and/or poor ventilation and in cases of emergency self-contained breathing apparatus should be used.
- Eye protection:** Wear goggles or safety glasses with side protection.
- Hand protection:** Chemical resistant gloves are recommended at all times.
- Skin protection:** Wear suitable protective clothing. Remove contaminated clothing to avoid skin contact.

9. Physical and chemical properties

Form	Liquid
Colour	Clear
Odour	Faint
Melting point	N/D
Boiling point	N/D
Flash point	>100 degrees Celsius
Flammability	Low
Autoflammability	Low
Explosive limits	UPPER: N/D LOWER: N/D
Oxidising properties:	Vapour pressure (of principle component and name) @20 c <1mmHG (Hydroxy methacrylate)
Relative Density	1,0783 (g/cm ³)
Solubility in water	Insoluble

10. Stability and Reactivity

- Conditions to avoid:** Exposure to elevated temperatures (60 degrees Celsius) for extended periods or to flames, radiation, and sunlight. Contamination
- Materials to avoid:** Strong oxidising agents

11. Toxicological Information:

- Eye contact:** May cause irritation and may cause permanent damage
- Skin contact:** May cause irritation or dermatitis. May be absorbed through the skin if the contact is prolonged.
- Inhalation:** High levels of airborne material are irritating to the eyes and respiratory tract and may cause headaches, dizziness, nausea, and vertigo.
- Ingestion:** If ingested there may be irritation of the mouth and digestive tract. Significant ingestion may cause broncho pneumonia or pulmonary edema.

12. Ecological Information

There is no information available at this time.

13. Disposal Considerations

Dispose of all waste material in accordance with local authority regulations.
Only incinerate the waste products in controlled surroundings using approved contractors.
Do not dispose of this material into any drains, sewers, watercourses or anywhere where it can get into the natural environment

14. Transport Information

The material is not considered hazardous for transportation

15. Regulatory Information

European Information

- Hazard Symbol:** Xi – St Andrew's Cross
- Risk Phrases:** R36/37/38 – irritant to skin, eyes and respiratory system
R37/39 – wear suitable gloves and eye/face protection
R43 – may cause sensitization by skin contact
- Safety Phrases:** S24/5, 26, 28. Avoid contact with eyes and skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with soap and water.
- Other Information:** Contains acrylates
- Date of preparation:** **August 2004**

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