

SAFETY DATA SHEET

Issued: 13-08-05

Version 1.2

Revised 13-08-05

1. NAME OF PRODUCT AND COMPANY

TRADE NAME	Pit Filler 2000
CHEMICAL NAME	Polyurethane Oligomer Mixture
ART. No.	Pit Filler 2000
APPLICATION	Repairing glass

COMPANY	Glas-Weld System AB
ADDRESS	Fjärrviksvägen 13
POSTAL ADDRESS	653 50 KARLSTAD
TELEPHONE	+46-(0)54-530227
E-MAIL	esbjorn@glasweld.se
WEBSITE OWNERS	www.glasweld.se
ISSUER	David Pettersson Miljökonserterna MHS AB

2. HAZARD IDENTIFICATION

2.1 Classification according to CLP (Regulation (EC) no 1272/2008) and KIFS 2010: 5

The product is harmful to any form or concentration resulting in labelling requirement under existing regulations.

Classification of the mixture under CLP:

Not assessed as dangerous for the environment

2.2 Marking of the mixture according to the CLP regulation

R-PHRASES

R36 Irritating to eyes; R37 Irritating to respiratory system; R38 Irritating to skin;
R43 May cause an allergic skin reaction;

S-PHRASES

S2 Keep out of the reach of children; S3/7 Keep container tightly closed in a cool place; S20/21 When using do not eat, drink or smoke; S24/25 Avoid contact with skin and eyes; S28 After contact with eyes flush thoroughly with plenty of water. In case of irritation consult a doctor; S36/37/39 Wear suitable protective clothing, protective gloves and safety glasses/goggles or face protection

2.3. other hazards

Use the product only for its intended purpose. Skin contact may cause slight transient irritation and rapid and/or increased sensitivity.

DANGER SYMBOL: CONTENT Polyurethane Oligomer Mixture



IRRITATION

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3. COMPOSITION/INFORMATION ON THE COMPONENTS

No.	Name:	CAS No.:	Conc. WT%	Classification
1	Acrylate with high boiling point	5888-33-5	10 - 20	R 43
2	Methacrylate with high boiling point	Proprietary	20 - 30	-
3	(Meth) Acrylate	Proprietary	10 - 20	-
4	Photo initiator	947-19-3	1-4	Xn; R39, 43, 48
5	Polyurethane Oligomer	Proprietary	10 - 20	-
6	Polyurethane Oligomer	Proprietary	10 - 20	-
7	Urethane Acrylate Oligomer	Proprietary	5 - 10	-
8	Acrylic acid	79-10-7	1 - 5	C; Xn; N; R10, 20/21/22, 35, 50;

4. FIRST AID MEASURES

INHALATION

Avoid inhaling vapours. Keep container closed when not in use. In the event of exposure to strong concentrations of vapour or mist, remove the person concerned to fresh air. If breathing stops, administer artificial respiration and seek medical attention.

SKIN CONTACT

Remove contaminated clothing and wash affected skin with soap and water for 15 minutes. Particular attention should be given to hair, nose, ears and other body parts that may be difficult to clean. Avoid contact with skin and eyes. Wash the skin thoroughly with soap and water after handling. Solvents should not be used to clean the skin because of the increased penetration potential.

Information for doctor: effects may occur with a delay of 24 to 48 hours.

CONTACT WITH EYES

Immediately flush with water for at least 15 minutes and consult a doctor if irritation persists.

INGESTION

Low toxicity. If significant quantities have been ingested, seek medical attention.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

Use carbon dioxide or powder extinguisher, foam extinguisher for small fires, water-based foam or water for large fires.

FIRE AND EXPLOSION RISKS

High temperatures and naked flame can cause rapid and uncontrolled polymerisation, which in turn can result in explosions and blasting of storage containers or tanks. Avoid extinguishing fires with water since foaming can occur.

OTHER INSTRUCTIONS

Remove all fire sources. Use a respirator with independent air supply and complete personal protective equipment in enclosed areas where there is a risk of exposure to vapours or combustion products.

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6. SPILL/ACCIDENTAL RELEASE MEASURES

Flush the area with water. Contain larger quantities using inert absorbent material. Do not allow washwater to enter sewage system.

Spontaneous polymerisation may occur. Move ignition sources a safe distance away. Use protection for eyes and skin. Place extinguishing containers in well-ventilated area. Check whether spills should be reported to emergency services (Tel: 112).

7. HANDLING AND STORAGE

HANDLING

Keep containers tightly closed.

HANDLING REGULATIONS

No smoking or eating when handling

STORAGE

Keep out of the reach of children. Store in cool, dry place and in sealed container. Protect against light even direct sunlight.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION MEASURES

PREVENTATIVE MEASURES

No smoking, flames, sparks or welding. Make sure the ventilation is good. Use local exhaust ventilation.

EYE PROTECTION

Safety glasses/goggles for chemical applications are recommended.

HAND PROTECTION

Protective gloves of neoprene. A combination of cream with barrier properties, which are applied in combination with protective gloves is recommended. Do not apply cream after exposure.

SKIN PROTECTION

In work where contact can occur, wear face protection, protective clothing and safety boots. A Eyewash should be close by. For routine laboratory operations an impermeable apron and gloves are recommended.

RESPIRATORY PROTECTION

Mechanical exhaust ventilation air must be provided.

During normal use, requires no half mask or full face mask.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Product type	Viscous liquid
Colour	Transparent, slightly coloured
Odour	Characteristic acrylate odour
Solubility	Insoluble in water
pH	4.0
Specific weight	1.07
Vapour pressure	6 mm Hg at 30°C
Flash point	>200 °F (PMCC)
Volume percent, liquid material	<1.05 est
Boiling point	The preparation consists of acrylates with high boiling point.

10. STABILITY AND REACTIVITY

Stability	Unstable
Hazardous polymerisation	May occur
Conditions that should be avoided	Storage in temperatures exceeding 100 F, exposure to light, spill
Materials that should be avoided	Polymerisation catalysts, including peroxides, strong oxidising substances, copper, copper alloys, carbon steel, iron, rust and strong alkaline substances.
Hazardous decomposition products	Vapours produced when heated to decomposition may contain: carbon monoxide, carbon dioxide, nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

Ingestion	No specific information available. Contains material which may be slightly toxic.
Inhalation	No specific information available. Low volatility means that inhalation of vapours is unlikely. Aerosols may cause irritation.
Skin absorption	No specific information available. Contains substances that may be slightly toxic.
Skin contact	Largely non-irritating, but skin contact may cause mild and rapid temporary irritation and/or increased sensitivity. Prolonged contact may cause blisters

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Eye contact

(burn-marks). Since irritation does not occur immediately skin contact may escape detection.

May cause eye damage that can last for several days.

12. ECOTOXICOLOGICAL INFORMATION

ECOTOXICOLOGICAL DATA

Dispersal in the environment

Not regarded as harmful

Other information

Under the guidelines for preparation and compound products the product was classified using the calculation method

13. DISPOSAL CONSIDERATIONS

DISPOSAL CONSIDERATIONS

Collect spills, residual products and contaminated absorption material in containers with contents declared and dispose of in accordance with national and international regulations.

Destroy in accordance with local regulations

14. TRANSPORT INFORMATION

The product is not classed as hazardous goods under international regulations in ADR,IMDG and ICAO-IT, IATA-DGR

15. APPLICABLE REGULATIONS

NATIONAL REGULATIONS:

Chemical Inspectorate's regulations: Regulation (KIFS 2005: 7 consolidated even KIFS 2010: 5) the classification of chemical products

Working Environment Authority's statute book (AFS 2011: 18) the exposure limit values and measures against air contaminants

Working Environment Authority's statute book (AFS 2011: 19)

Waste Chemical risks related to occupational safety and Health Ordinance (SFS 2011: 927)

ADR-regulations on the transport of dangerous goods by road and in terrain (MSBFS 2011: 1)

16. OTHER INFORMATION

INFORMATION SOURCES:

The supplier's declaration on material composition/consumption and classification

This product may cause damage by improper use. Not responsible for damage resulting from use other than that for which the product is intended.



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