

Section 1. Identification of the material and the supplier

Product: **UV Adhesive "Lamifix" B678-0**
 Product Code: UV100
 Product Use: Adhesives

Manufacturer: Bohle AG
 10 Diesel St
 D-42781, Haan

New Zealand Supplier: **Glasscorp Limited**

Address: **124 Bush Road
 Albany
 Auckland
 New Zealand**

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Bohle date of issue: 4 November 2008
 Glasscorp date of issue: 18 January 2013

Section 2. Hazards Identification

This substance is NOT classified as a dangerous good for Land Transport according to NZS5433: 2012

This substance is hazardous according to the HSNO (Minimum Degrees of Hazard) Regulations 2001

EPA Approval Code and Group Standard: Surface Coatings and Colourants (Subsidiary hazard) HSR002670

Label pictograms: (for information only):



HSNO Classification	Hazard Code	Hazard Statement
6.1E	H303	May harmful if swallowed
6.3A	H315	Causes skin irritation.
6.4A	H319	Causes serious eye irritation.
6.5B	H317	May cause an allergic skin reaction

Prevention Code	Prevention Statement
P102	Keep out of reach of children.
P103	Read label before use.
P261	Avoid breathing in fumes or liquid.
P264	Wash hands thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective clothing.

Response code	Response Statement
P312	Harmful in contact with skin
P362	Take off contaminated clothing and wash before re-use.
P363	Wash contaminated clothing before reuse.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332 + P313	If skin irritation occurs: Get medical advice/ attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P333 + P313	If skin irritation persists: Get medical advice/attention.

Storage Code	Storage Statement
None allocated	

Disposal Code	Disposal Statement
P501	Dispose of according to local authorities

Section 3. Composition / Information on Ingredients

Ingredients	Wt%	CAS NUMBER.
2-hydroxyethyl methacrylate	20-35%	868-77-9
2-ethylhexylmethacrylate	20-35%	688-84-6

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes	Immediately flush eyes with gentle but large stream of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
If on Skin	Remove contaminated clothing and wash skin with warm soapy water. Get medical assistance if needed.
If Swallowed	If swallowed, call a physician immediately. Do not induce vomiting. Never give anything by mouth to an unconscious person.
If Inhaled	Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult.

Section 5. Fire Fighting Measures

Hazard Type	Non Combustible Liquid
Hazards from decomposition products	Carbon monoxide, nitrogen oxides (NOx)
Suitable Extinguishing media	Water spray, dry powder foam, carbon dioxide (CO2) Do not use a solid water stream as it may scatter and spread fire.
Precautions for firefighters and special protective clothing	Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. In the event of fire, wear self-contained breathing apparatus.
HAZCHEM CODE	Not allocated

Section 6. Accidental Release Measures

Use personal protective equipment. Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal. Ensure adequate ventilation.

Section 7. Handling and Storage

Precautions for safe handling bulk product:

- Read label before use.
- Wash hands thoroughly after handling.
- Wear protective clothing.
- Ensure adequate ventilation, especially in confined areas. Breathing apparatus needed only when aerosol or mist is formed.
- Harmful: danger of serious damage to health by prolonged exposure through inhalation and in contact with skin.

Precautions for safe storage:

- Keep away from direct sunlight. Keep away from heat.

Section 8 Exposure Controls / Personal Protection

Engineering Controls

Even in case of a full release, due to the small amount of substances present, it is not expected that exposure limits will be reached. However it is the duty of the user to verify this and follow given exposure limits at the workplace.

Personal Protection

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday. Keep away from food, drink and animal feedingstuffs.

Respiratory:	In case of insufficient ventilation, wear suitable respiratory equipment.
Hand:	Rubber gloves
Eye:	Tightly fitting safety goggles
Skin:	Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use.

Section 9 Physical and Chemical Properties

Appearance	Clear Liquid
Odour	Characteristic
Flash Point	> 93 °C
Viscosity / dynamic @ 20°C	600 mPas
Density @ 20°C	1.03 g/cm ³
Solubility in Water	Insoluble

Section 10. Stability and Reactivity

Chemical Stability	Stable under recommended storage conditions
Conditions to Avoid	oxidizing agents, amines, strong acids
Hazardous Decomposition	No decomposition if used as directed.

Section 11 Toxicological Information

Acute toxicity

2-hydroxyethyl methacrylate (CAS No 868-77-9) = LD50/oral/mouse = 3275 mg/kg

2-ethylhexylmethacrylate (CAS No. 688-84-6) = in absence of any literature data LD50 oral (mouse) assumed equivalent to CAS 868-77-9

Corrosive and irritant effects

Severe eye irritation
Skin irritation

Severe effects after repeated or prolonged exposure

Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization of susceptible persons.

Section 12. Ecotoxicological Information

Ecological injuries are not known or expected under normal use

Section 13. Disposal Considerations

Dispose of in accordance with relevant local legislation.

Section 14 Transport Information

This product is not classified as a Dangerous Good for transport in NZ: NZS 5433:2012

Section 15 Regulatory Information

EPA Approval Code: Surface Coatings and Colourants (Subsidiary hazard) HSR002670

HSNO Classification: 6.1E, 6.3A, 6.4A, 6.5B

HSNO Controls:

Trigger quantities for this substance:

	Trigger Quantity
Approved Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	10 000L (3.1D)
Emergency Response Plan trigger Quantities	10000 (6.5B)

Section 16 Other Information

1. Hazardous Substances Data Bank (HSDB), a database of the National Library of Medicine's TOXNET system (<http://toxnet.nlm.nih.gov>).

2. HSNO Approved Code of Practice: Preparation of Safety Data Sheets, September 2006.

Disclaimer

This document has been issued by Glasscorp Limited and serves as the product Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to Glasscorp Limited by the Manufacturer and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While Glasscorp Limited have taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or

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Please contact Glasscorp Limited, if further information is required.

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