

## SAFETY DATA SHEET

### Section 1. Identification of the material and the supplier

Product: **Norflex Epoxy Filler Hardener**  
 Item Code: 1195B  
 UN No. 3082  
 Product Use: Epoxy Filler Hardener  
 Restriction of Use: Refer to Section 15

Australian Manufacturer: **Norglass Paints**  
 Address: 59 Moxon Road  
 Punchbowl NSW 2196  
 Australia  
 Telephone: +61 2 9708 2200  
 Email: [info@norglass.com.au](mailto:info@norglass.com.au)

New Zealand Supplier: xxx  
 Address: xxx  
 Telephone: 0508 724687

**Emergency Numbers:**  
**Australia: 13 1126 (Poisons Information Centre)**  
**New Zealand: 0800 764 766 (National Poison Centre)**

Date of SDS Preparation: 7 November 2016 v2

### Section 2. Hazards Identification

**This substance is hazardous according to:**  
**New Zealand - The HSNO (Minimum Degrees of Hazard) Regulations 2001**  
**Australia – Approved Criteria for Classifying Hazardous Substances**  
**[NOHSC:1008(2004)]**

**New Zealand:**  
**EPA Approval No: Surface Coatings and Colourants (subsidiary) – HSR002670**

#### Pictograms



Irritant      Chronic      Corrosive      Ecotoxic

Signal Word: **DANGER**

HSNO Classification	Hazard Code	Hazard Statement	GHS Category
6.1E (oral)	H303	May be harmful if swallowed.	Category 5
6.1E (dermal)	H313	May be harmful in contact with skin.	Category 5
6.3A	H315	Causes skin irritation.	Category 2

6.5B	H317	May cause an allergic skin reaction.	Category 1
6.9B	H373	May cause damage to organs through prolonged or repeated exposure.	Category 2
8.3A	H318	Causes serious eye damage.	Category 1
9.1B (NZ only)	H411	Toxic to aquatic life with long lasting effects.	Category 2

Prevention Code	Prevention Statement
P102	Keep out of reach of children.
P103	Read label before use.
P260	Do not breathe fumes, gas, mist or vapours.
P264	Wash hands thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective clothing.

Response Code	Response Statement
P101	If medical advice is needed, have product container or label at hand.
P310	Immediately call a POISON CENTER or doctor/physician.
P362	Take off contaminated clothing and wash before re-use.
P391	Collect spillage.
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.
P333 + P313	If skin irritation or rash occurs: Get medical advice/ attention.

Storage Code	Storage Statement
None allocated	

Disposal Code	Disposal Statement
P501	Dispose of according to Local Regulations or Authorities

### Section 3. Composition / Information on Ingredients

Ingredients	Wt%	CAS NUMBER.
Polyamide Resin	40-45	Proprietary
Fillers various	30-40	Proprietary
Modified cyclo-aliphatic amine	20-35	Proprietary
Pine Oil	3-6	Proprietary

### Section 4. First Aid Measures

Routes of Exposure:

If in Eyes	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Get immediate medical attention.
If on Skin	Wash with plenty of soap and water. Take off contaminated clothing and wash before re-use. If skin irritation or rash occurs: get medical advice/attention.
If Swallowed	Rinse mouth. If the victim is conscious give water or milk to drink to dilute the effect. If vomiting occurs, place victim face downwards, with the head turned to the side and lower than the hips to prevent vomit entering the lungs. Seek medical attention if you feel unwell.
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 or if you feel unwell.

**Section 5. Fire Fighting Measures**

<b>Hazard Type</b>	Non Flammable
<b>Hazards from combustion products</b>	Oxides of carbon and nitrogen
<b>Suitable Extinguishing media</b>	Use foam, carbon dioxide or Dry Chemicals or water fog to extinguish flames.
<b>Precautions for firefighters and special protective clothing</b>	Wear full body protection and self-contained breathing apparatus.
<b>HAZCHEM CODE</b>	<b>3Z</b>

**Section 6. Accidental Release Measures**

Wear protective equipment as detailed in Section 8. Clear area of any unprotected personnel.

Extinguish all sources of ignition. Spilt material should be absorbed into dry inert material such as sand, earth or sawdust and disposed by incineration by approved agent or local regulations. Adequate steps should be taken to prevent spillage reaching waterways and drains.

**Section 7. Handling and Storage**

**Precautions for Handling:**

- Read label before use.
- Do not handle until all safety precautions have been read and understood.
- Keep container tightly closed.
- Do not breathe fumes, gas, mist or vapours.
- Wash hands thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Use only outdoors or in a well-ventilated area.
- Wear protective clothing.
- Use personal protective equipment as required.

**Precautions for Storage:**

- Store away from incompatible materials listed in Section 10.
- Keep cool and container closed.
- Keep out of reach of children.

**Section 8 Exposure Controls / Personal Protection**

**WORKPLACE EXPOSURE STANDARDS (provided for guidance only)**

Substance	TWA		STEL	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>

Not ingredients have exposure limits.

Workplace Exposure Standard – Time Weighted Average (WES-TWA). *The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure.* Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). *The 15-minute average exposure standard.* Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply.

**Engineering Controls**

Product Name: Norflex Filler Hardener  
Date of SDS: 7 November 2016

Issued by: Technical Compliance Consultants (NZ) Ltd  
Tel: 64 9 475 5240 www.techcomp.co.nz

Good ventilation should be sufficient in most conditions.  
However, if the material is to be heated or sanded, local ventilation is required.

### Personal Protection

<b>Eyes</b>	Wear safety goggles with side shields.
<b>Hands and Skin</b>	Wear chemical resistant gloves. Wear overalls and use barrier cream.
<b>Respiratory</b>	Avoid breathing vapour of dust by wearing AS1716 approved respirators.

### Section 9 Physical and Chemical Properties

<b>Appearance</b>	Amber colour viscous liquid
<b>Odour</b>	Amine odour
<b>Odour Threshold</b>	Not applicable
<b>pH</b>	Not applicable
<b>Boiling Point</b>	Not measured
<b>Melting Point</b>	Not applicable
<b>Freezing Point</b>	Not applicable
<b>Flash Point</b>	Not measured
<b>Flammability</b>	Not applicable
<b>Upper and Lower Exposure Limits</b>	Not applicable
<b>Volatile Component</b>	Not applicable
<b>Vapour Density</b>	Not applicable
<b>Specific Gravity</b>	1.07
<b>Solubilities</b>	Miscible in water
<b>Partition Coefficient:</b>	Not applicable
<b>Auto-ignition Temperature</b>	Not applicable
<b>Decomposition Temperature</b>	Not applicable
<b>Kinematic Viscosity</b>	Not applicable
<b>Particle Characteristics</b>	Not applicable

### Section 10. Stability and Reactivity

<b>Stability of Substance</b>	This product is stable under normal conditions.
<b>Conditions to Avoid</b>	Extreme temperatures
<b>Incompatible Materials</b>	Reacts with resins. Strong oxidisers, acids, bases.
<b>Hazardous Decomposition Products</b>	Oxides of carbon and nitrogen

### Section 11 Toxicological Information

#### Acute Effects:

<b>Swallowed</b>	May be harmful if swallowed.
<b>Dermal</b>	May be harmful in contact with skin.
<b>Inhalation</b>	Not applicable
<b>Eye</b>	Causes serious eye damage.
<b>Skin</b>	Causes skin irritation. May cause an allergic reaction.

#### Chronic Effects:

<b>Carcinogenicity</b>	Not applicable
<b>Reproductive Toxicity</b>	Not applicable.
<b>Germ Cell</b>	Not applicable.

<b>Mutagenicity</b>	
<b>Aspiration</b>	Not applicable.
<b>STOT/SE</b>	Not applicable.
<b>STOT/RE</b>	Causes damage to organs through prolonged or repeated exposure.

## Section 12. Ecotoxicological Information

### New Zealand:

HSNO Classes: 9.1B = Toxic to aquatic life with long lasting effects.

<b>Persistence and degradability</b>	No data available
<b>Bioaccumulation</b>	No data available
<b>Mobility in Soil</b>	No data available
<b>Other adverse effects</b>	No data available

Do not allow to enter waterways.

## Section 13. Disposal Considerations

**Disposal Method:** Place recovered product into an appropriate waste container for disposal through appropriate waste company or specialized landfill in accordance with local regulations. Ensure container is sealed and isolated away from ignition sources.

**Precautions:** Ensure waste container containing recovered product is labelled "Hazardous Waste - "Ecotoxic". If triple rinsing container, add rinsate to waste container for disposal.

**Disposal methods to avoid:** Do not allow to enter waterways.

## Section 14 Transport Information

**This product is classified as a Dangerous Good for transport in NZ ; NZS 5433:2012 and Australian Dangerous Goods Code ADG7 and NOHSC:1008(2004)**

### Road and Rail Transport

UN No: 3082  
 Class-primary 9  
 Packing Group II  
 Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS LIQUID, N.O.S

### Air Transport

UN No: 3082  
 Class-primary 9  
 Packing Group II  
 Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS LIQUID, N.O.S

### Marine Transport

UN No: 3082  
 Class-primary 9  
 Packing Group II  
 Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS LIQUID, N.O.S

## Section 15 Regulatory Information

**This substance is hazardous according to:**  
**New Zealand - The HSNO (Minimum Degrees of Hazard) Regulations 2001**  
**Australia – Approved Criteria for Classifying Hazardous Substances**  
**[NOHSC:1008(2004)]**

**Poison Schedule:** Schedule 5

**New Zealand:**

EPA Approval Code: Surface Coatings and Colourants (subsidiary) – HSR002670

HSNO Classification: 6.1E(oral, dermal), 6.3A, 6.5B, 6.9B, 8.3A, 9.1B

HSNO Controls:

Trigger quantities for this substance:

	<b>Trigger Quantity</b>
Approved Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	1000L
Emergency Response Plan	1000L
Secondary Containment	1000L
Restriction of Use	None

**Section 16 Other Information****Glossary**

EC50	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
LC50	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD50	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

1. HSNO Approved Code of Practice: Preparation of Safety Data Sheets, September 2006.
2. Australia – Approved Criteria for Classifying Hazardous Substances -[NOHSC:1008(2004)]
3. Safework Australia: Preparation of SDS sheets for hazardous chemicals (Code of Practice).

**Disclaimer**

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Please contact the Australian manufacturer, if further information is required.

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