

## SAFETY DATA SHEET

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

Product: **Norfill Epoxy Filler Base**  
 Item Code: 1111  
 UN no. 3082  
 Product Use: Epoxy filler base  
 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



Ecotoxic

Signal Word: DANGER

HSNO Classification	Hazard Code	Hazard Statement	GHS Category
6.1E (asp)	H304	May be fatal if swallowed and enters airways.	Category 1
6.3A	H315	Causes skin irritation.	Category 2

6.4A	H319	Causes serious eye irritation.	Category 2A
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
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 dust, fume, 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.
P314	Get medical advice/attention if you feel unwell.
P331	Do NOT induce vomiting.
P362	Take off contaminated clothing and wash before re-use.
P391	Collect spillage.
P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
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.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P370 + P378	In case of fire: Use carbon dioxide, foam or dry chemicals for extinction.

Storage Code	Storage Statement
P405	Store locked up.

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

### Section 3. Composition / Information on Ingredients

Ingredients	Wt%	CAS NUMBER.
Low Viscosity Liquid Epoxy Resin	40%	Proprietary
Pine Oil	1-3%	Proprietary
White Pigment	6%	13463-67-7
Fillers	Up to 100	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. Continue rinsing. If eye irritation persists: Get medical advice.

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. DO NOT induce vomiting. 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 immediate medical attention.

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

<b>Hazard Type</b>	Non Flammable Liquid
<b>Hazards from combustion products</b>	Hazardous polymerisation will not occur by itself. Reaction with amines will develop heat.
<b>Suitable Extinguishing media</b>	Extinguishing media carbon dioxide, foam or dry chemicals.
<b>Precautions for firefighters and special protective clothing</b>	Firefighters should wear 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 breathe dust, fume, gas, mist or vapours.
- Wash hands thoroughly after handling.
- Contaminated work clothing should not be allowed out of the workplace.
- Avoid release to the environment.
- Wear protective clothing.

### Precautions for Storage:

- Store away from incompatible materials listed in Section 10.
- Store locked up.
- Store in a cool place. Keep containers 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>

No 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.

Product Name: Norfill Epoxy Filler Base  
Date of SDS: 7 November 2016

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

## Engineering Controls

Good ventilation should be sufficient in most conditions.  
However, local ventilation is recommended if the product is heated.

## Personal Protection

<b>Eyes</b>	Wear safety goggles.
<b>Hands and Skin</b>	Wear chemical resistant gloves. Wear overalls.
<b>Respiratory</b>	Avoid breathing vapour or dust by wearing approved respirators.

## Section 9 Physical and Chemical Properties

<b>Appearance</b>	White Cream
<b>Odour</b>	Pine odour
<b>Odour Threshold</b>	Not applicable
<b>pH</b>	Not applicable
<b>Boiling Point</b>	Not applicable
<b>Melting Point</b>	Not applicable
<b>Freezing Point</b>	Not applicable
<b>Flash Point</b>	>200 <sup>o</sup> C
<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>	1.700
<b>Solubilities</b>	Insoluble
<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>	strong oxidisers, acids and bases
<b>Hazardous Decomposition Products</b>	Hazardous polymerisation will not occur by itself. Reaction with amines will develop heat.

## Section 11 Toxicological Information

### Acute Effects:

<b>Swallowed</b>	Not applicable.
<b>Dermal</b>	Not applicable.
<b>Inhalation</b>	Not applicable.
<b>Eye</b>	Causes serious eye irritation.
<b>Skin</b>	Causes skin irritation. May cause an allergic skin reaction.

### Chronic Effects:

<b>Carcinogenicity</b>	Not applicable.
<b>Reproductive</b>	Not applicable.

<b>Toxicity</b>	
<b>Germ Cell Mutagenicity</b>	Not applicable.
<b>Aspiration</b>	May be fatal if swallowed and enters airways.
<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.

**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 III  
 Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S

### Air Transport

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

### Marine Transport

UN No: 3082  
 Class-primary 9  
 Packing Group III  
 Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, 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:** Not Scheduled

**New Zealand:**

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

HSNO Classification: 6.1E(asp), 6.3A, 6.4A, 6.5B, 6.9B, 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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