

SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: **Norflex Epoxy Filler Base**
 Item Code: 1195A
 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

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 v 2

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	5-7%	Proprietary
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 or if you feel unwell.

Section 5. Fire Fighting Measures

Hazard Type	Non Flammable Liquid
Hazards from combustion products	Hazardous polymerisation will not occur by itself. Reaction with amines will develop heat.
Suitable Extinguishing media	Extinguishing media carbon dioxide, foam or dry chemicals.
Precautions for firefighters and special protective clothing	Firefighters should wear self-contained breathing apparatus.
HAZCHEM CODE	3Z

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 ³	ppm	mg/m ³

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: Norflex 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

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

Section 9 Physical and Chemical Properties

Appearance	White Cream
Odour	Pine odour
Odour Threshold	Not applicable
pH	Not applicable
Boiling Point	Not applicable
Melting Point	Not applicable
Freezing Point	Not applicable
Flash Point	>200 ^o C
Flammability	Not applicable
Upper and Lower Exposure Limits	Not applicable
Volatile Component	Not applicable
Vapour Density	Not applicable
Specific Gravity	1.07
Solubilities	Insoluble
Partition Coefficient:	Not applicable
Auto-ignition Temperature	Not applicable
Decomposition Temperature	Not applicable
Kinematic Viscosity	Not applicable
Particle Characteristics	Not applicable

Section 10. Stability and Reactivity

Stability of Substance	This product is stable under normal conditions.
Conditions to Avoid	Extreme temperatures.
Incompatible Materials	Corrosives, strong oxidisers
Hazardous Decomposition Products	Hazardous polymerisation will not occur by itself. Reaction with amines will develop heat.

Section 11 Toxicological Information

Acute Effects:

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

Chronic Effects:

Carcinogenicity	Not applicable.
Reproductive	Not applicable.

Toxicity	
Germ Cell Mutagenicity	Not applicable.
Aspiration	May be fatal if swallowed and enters airways.
STOT/SE	Not applicable.
STOT/RE	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.

Persistence and degradability	No data available
Bioaccumulation	No data available
Mobility in Soil	No data available
Other adverse effects	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) 2012

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:

	Trigger Quantity
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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The information herein is given in good faith, but no warranty, express or implied is made.

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

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