SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product:	**Deep Pour Liquid Glass Casting Resin (Base)**
Product Use:	Epoxy resin hardening agent
Restriction of Use:	Refer to Section 15
Australian Supplier:	**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 xxx
Telephone:	0508 724687
Emergency Numbers:	
Australia:	**13 1126 (Poisons Information Centre)**
New Zealand:	**0800 764 766 (National Poison Centre)**
Date of SDS Preparation:	10 June 2026 v2

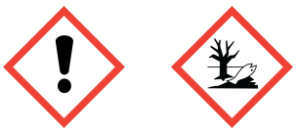
Section 2. Hazards Identification

Australia:
Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia

New Zealand:
This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

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

Pictograms



Signal Word: **Warning**

GHS Classification and Category	Hazard Code	Hazard Statement
Skin irritation Cat. 2	H315	Causes skin irritation.
Eye irritation Cat. 2	H319	Causes serious eye irritation.
Skin sensitisation Cat. 1	H317	May cause an allergic skin reaction.
Hazardous to the aquatic environment chronic Cat. 2	H411	Toxic to aquatic life with long lasting effects.

Prevention Code	Prevention Statement
P102	Keep out of reach of children.
P103	Read carefully and follow all instructions.
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 as detailed in Section 8.

Response Code	Response Statement
P362 + P364	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.
P337 + P313	If eye irritation persists: 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.
Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxirane	57 - 63	25068-38-6
Formaldehyde, polymer with 2-(chloromethyl)oxirane and phenol	24 - 26	9003-36-5
Oxirane, 2-[(C12-14-alkyloxy)methyl] derivs.	11 - 17	68609-97-2

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. If eye irritation persists: Get medical advice/attention.

If on Skin — Take off contaminated clothing and wash before re-use. Wash skin with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

If Swallowed — Rinse out mouth and then drink plenty of water. Seek medical advice if needed.

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.

Most important symptoms and effects, both acute and delayed

Symptoms:

Ingestion: Not applicable.

Inhalation: Not applicable.

Skin: Causes skin irritation. May cause an allergic skin irritation.

Eyes: Causes severe eye irritation.
Chronic: Not applicable.

Section 5. Fire Fighting Measures

Hazard Type	Non Flammable
Hazards from combustion products	No further relevant information available.
Suitable Extinguishing media	CO_2, extinguishing powder or water jet. Fight larger fires with water spray.
Precautions for firefighters and special protective clothing	Wear self-contained respiratory protective device. Wear fully protective suit. Dispose of fire debris and contaminated firefighting water in accordance with official regulations. Collect contaminated firefighting water separately. It must not enter the sewage system.
HAZCHEM CODE	**3Z**

Section 6. Accidental Release Measures

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

Environmental precautions:
Do not allow product to reach sewage system or water bodies.
Do not allow to enter the ground/soil.

Spill and Disposal procedures:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of contaminated material as waste according to Section 13.

Section 7. Handling and Storage

Precautions for Handling:
- Read label before use.
- Wash hands thoroughly after handling.
- Contaminated work clothing should not be allowed out of the workplace.
- Ensure good ventilation/exhaustion at the workplace.
- Avoid release to the environment.
- Wear protective clothing as detailed in Section 8.

Precautions for Storage:
- Store away from incompatible materials listed in Section 10.
- Prevent any seepage into the ground.
- Keep out of reach of children.

Section 8 Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

	TWA		STEL	
Substance	**ppm**	**mg/m³**	**ppm**	**mg/m³**

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.
New Zealand: Workplace Exposure Standards and Biological Exposure Indices FEB 2025 15TH EDITION.

Engineering Controls
No data available.

Personal Protection Equipment

Eyes	Tightly sealed safety glasses with side shields.
Hands	The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. **Material of gloves** Nitrile rubber, NBR Butyl rubber, BR Recommended thickness of the material: ≥ 0.4 mm
Skin	Protective work clothing.
Respiratory	Not required.
General	Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

Section 9 Physical and Chemical Properties

Appearance	Colourless Liquid
Odour	Characteristic
Odour Threshold	Not applicable
pH	Neutral
Boiling Point	250^0C
Melting Point	Not available
Freezing Point	Not applicable
Flash Point	93 °C
Flammability	Non-Flammable
Upper and Lower Exposure Limits	Product does not present an explosion hazard.
Volatile Component	Not available
Vapour Pressure	Not available
Density at 25^0C	1.16 – 1.18 g/cm^3
Solubility in / Miscibility with Water:	Not available
Partition Coefficient:	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not applicable
Viscosity Dynamix @ 20^0C	860 – 960 mPas
Particle Characteristics	Not applicable

Section 10. Stability and Reactivity

Stability of Substance	This product is stable under normal conditions.
Possibility of hazardous reactions	Reacts with amines with exothermic reaction liberating heat and fumes.
Conditions to Avoid	Heat, flames and sparks.
Incompatible Materials	Strong Oxidising agents, Strong Alkali, Strong Bases, Amines
Hazardous Decomposition Products	Carbon monoxide and carbon dioxide.

Section 11 Toxicological Information

Acute Effects:

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

Chronic Effects:

Carcinogenicity	Not applicable
Reproductive Toxicity	Not applicable
Germ Cell Mutagenicity	Not applicable
Aspiration	Not applicable
STOT/SE	Not applicable
STOT/RE	Not applicable

25068-38-6 Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxirane	
LD50 oral rat	>2000 mg/kg (Rat)

Section 12. Ecotoxicological Information

Toxic to aquatic life with long lasting effects.

25068-38-6 Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxirane	
NOEC (21 days)	300 µg/L (Aquatic invertebrates)

Persistence and degradability	No data available
Bioaccumulation	No data available
Mobility in Soil	No data available
Other adverse effects	No data available
Precautions	Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.

Section 13. Disposal Considerations

Disposal Method: Empty contaminated packaging thoroughly. They may be recycled after thorough and proper cleaning.

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

Section 14 Transport Information

This product is NOT classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) (7th edition).

This product is classified as a Dangerous Good for transport in NZ; NZS 5433:2020

<u>Road, Rail, Sea and Air Transport</u>

UN No	3082
Class - Primary	9
Packing Group	III
Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID N.O.S (Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxirane, Formaldehyde, polymer with 2-(chloromethyl)oxirane and phenol))
Marine Pollutant	Yes
Special Provisions	If the product's individual container is below 5L/kg, it can be transported as a non-DG as long as the product packaging is still labelled as per DG requirements and the driver is given safety information in accordance with Chapter 3.4 of the UNRTDG.

Section 15 Regulatory Information

Australia:
Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Classified as a **Schedule 6** Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

New Zealand:
This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

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

HSW (HS) Regulations 2017 and EPA Notices	**Trigger Quantity**
Certified 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	Only use for the intended purpose.

Section 16 Other Information

Glossary

Cat	Category
EC_{50}	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC_{50}	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD_{50}	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

References:
Australia:

1. Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.

2. National Industrial Chemicals Notification and Assessment Scheme (NICNAS).
3. Standard for the Uniform Scheduling of Medicines and Poisons.
4. Australian Code for the Transport of Dangerous Goods by Road & Rail.
5. Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.
6. Workplace exposure standards for airborne contaminants, Safe work Australia.
7. American Conference of Industrial Hygienists (ACGIH).
8. Globally Harmonised System of Classification and Labelling of chemicals.

New Zealand:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices FEB 2025 15th edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2020
5. HSW (Hazardous Substances) Regulations 2017

Disclaimer

This document has been prepared by TCC (NZ) Ltd and serves as the suppliers Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to TCC (NZ) Ltd or obtained from third party sources 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 TCC (NZ) 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 completeness. As far as lawfully possible, TCC (NZ) Ltd accept no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS

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

Please contact the Australian Manufacturer or New Zealand distributor, if further information is required.

Issue Date: 10 June 2026 Review Date: 10 June 2031