

- 6.5B - Substance that is a contact sensitiser.
- 9.1B - Substance that is ecotoxic in the aquatic environment
- 9.2C - Substance that is harmful in the soil environment.

Hazard statement code:

- H302 Harmful if swallowed.
- H312 Harmful in contact with skin.
- H317 May cause an allergic skin reaction.
- H320 Causes eye irritation.
- H332 Harmful if inhaled.
- H411 Toxic to aquatic life with long lasting effects.
- H423 Harmful to the soil environment.

Precautionary statement codes- prevention:

- P102 Keep out of reach of children.
- P103 Read label before use. - This statement applies only where the substance is available to the general public.
- P104 Read Safety Data Sheet before use.
- P261 Avoid breathing mist/vapours/spray.
- P264 Wash skin thoroughly after handling.
- P271 Use only outdoors or in a well-ventilated area.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P273 Avoid release to the environment.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement codes- Response:

- P101 If medical advice is needed, have product container or label at hand. - This statement applies only where the substance is available to the general public.
- INGESTION**
- P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
 - P330 Rinse mouth.
 - P331 Do NOT induce vomiting.
- INHALATION:**
- P304+P340 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
 - P312 Call a POISON CENTER or doctor/physician if you feel unwell.
 - P331 Do NOT induce vomiting.
- SKIN:**
- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
 - P312 Call a POISON CENTER or doctor/physician if you feel unwell.
 - P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.
 - P363 Wash contaminated clothing before reuse.
- EYES:**
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 - P337+P313 If eye irritation persists: Get medical advice/attention.

Precautionary statement codes - Storage:

No storage statements

Precautionary statement codes - Disposal:

P501 In the case of a substance that is in compliance with a HSNO approval other than a Part 6A (Group Standards) approval, a label must provide a description of one or more appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Regulations 2001. This may also include any method of disposal that must be avoided.

Risk Phrase(s)

- R43 May cause sensitization by skin contact.
- R36/38 Irritating to eyes and skin.

Safety Phrase(s)

- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S28 After contact with skin, wash immediately with plenty of water and seek medical advice.
- S24/25 Avoid contact with skin and eyes.
- S37/39 Wear suitable gloves and eye/face protection.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	EINECS	Proportion
Bisphenol A epoxy resin	25085-99-8		60-100 %
Benzyl alcohol	100-51-6	202-859-0-10 % 9	
Neodecanoic acid, oxiranylmethyl ester	26761-45-5	247-979-0-10 % 2	
Ingredients determined not to be hazardous			(Balance)

4. FIRST AID MEASURES

Inhalation

If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms persist seek medical attention.

Ingestion

Do not induce vomiting. Wash out mouth thoroughly with water. If symptoms develop seek medical attention.

Skin

Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. Seek medical attention.

Eye

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed out completely. Seek medical attention.

First Aid Facilities

Eye wash fountains and safety showers should be easily accessible.

Advice to Doctor

Treat symptomatically.

Other Information

For advice, contact a Poisons Information Centre (Phone eg Australia 131 126; New Zealand 0800 764 766) or a doctor (at once).

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media

Use dry agent, carbon dioxide, foam or water spray or fog.

Hazards from Combustion Products

Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide, carbon dioxide and phenolics.

Specific Hazards

Combustible liquid. This product will burn if exposed to fire.

Precautions in connection with Fire

Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures

Remove all sources of ignition. Increase ventilation. Wear appropriate breathing apparatus and full protective clothing to minimise skin and eye exposure. If possible contain the spill. Place inert, non-combustible absorbent such as

vermiculite, sand or dirt onto material. Collect the material and place into a suitable labelled container for subsequent disposal. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Use in a well ventilated area. DO NOT store or use in confined spaces. Build up of mists or vapours in the atmosphere must be prevented. Avoid breathing in spray or mists or vapours. Do not use near welding or other ignition sources and avoid sparks. Do not smoke. Wear appropriate protection. It is essential that all who come into contact with this material maintain high standards of personal hygiene ie. Washing hands prior to eating, drinking, smoking or using toilet facilities.

Conditions for Safe Storage

Store in a cool, dry well-ventilated area away from heat, sources of ignition, oxidising agents, amines, foodstuffs, and clothing and out of direct sunlight. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Do NOT pressurise, cut, heat or weld containers as they may contain hazardous residues. For information on the design of the storeroom, reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids. Reference should also be made to all applicable local and national regulations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards

No exposure standards have been established for this material by the Australian National Occupational Health And Safety Commission (NOHSC) or the Occupational Safety and Health Service (OSH) of the New Zealand Department of Labour.

Biological Limit Values

No biological limit allocated.

Engineering Controls

Use with good general ventilation. If mists or vapours are produced local exhaust ventilation should be used.

Respiratory Protection

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable mist/particulate filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

Eye Protection

Safety glasses with side shields, goggles or full faceshield should be worn as described in Australian Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

Hand Protection

Wear gloves of impervious material conforming to AS/NZS 2161.1:2000 : Occupational protective gloves - Selection, use and maintenance.

Body Protection

Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled. Industrial clothing should conform to the specifications detailed in AS/NZS 2919: Industrial clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Amber liquid.

Odour

Slight odour

Melting Point

Not available

Boiling Point

> 260°C

Solubility in Water

Insoluble

Specific Gravity

1.15

pH Value

Not available

Vapour Pressure

Not available

Vapour Density (Air=1)

Not available

Flash Point

154°C

Flammability

Combustible liquid. Australia; Class C2.

Auto-Ignition Temperature

Not available

Flammable Limits - Lower

Not available

Flammable Limits - Upper

Not available

10. STABILITY AND REACTIVITY

Chemical Stability

Stable under normal conditions.

Conditions to Avoid

Extremes of temperature and direct sunlight.

Incompatible Materials

Amines, strong acids, oxidising agents.

Hazardous Decomposition Products

Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon monoxide, carbon dioxide and phenolics.

Hazardous Polymerization

Will not occur by itself, but will occur with amines with considerable evolution of heat.

11. TOXICOLOGICAL INFORMATION

Toxicology Information

No toxicology data available for this product.

Inhalation

Inhalation of product vapours at elevated temperatures, may cause irritation to the nose, throat and other parts of the respiratory system.

Ingestion

Ingestion of this product may irritate the gastric tract causing nausea, diarrhoea and vomiting.

Skin

This product will be irritating to skin resulting in redness and itchiness. May cause sensitisation by skin contact.

Eye

Irritating to eyes. On eye contact this product will cause tearing, stinging, blurred vision, and redness.

Chronic Effects

Not available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Not available

Persistence / Degradability

Not available

Mobility

Not available

Environ. Protection Prevent this material entering waterways, drains and sewers.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations

Dispose of waste according to federal, EPA and state regulations.

14. TRANSPORT INFORMATION

Transport Information

Australia:

Not classified as Dangerous Goods, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

New Zealand:

Not classified as Dangerous Goods for transport according to the NZS 5433:2007 Transport of Dangerous Goods on Land.

15. REGULATORY INFORMATION

Regulatory Information

Australia:

Classified as Hazardous, according to criteria of National Occupational Health & Safety Commission, Australia (NOHSC).

Classified as a Scheduled Poison (S5), according to the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

Poisons Schedule

S5

National and or International Regulatory Information

New Zealand:

Classified as Hazardous according to the New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.

Group Standard:

Additives, Process Chemicals and Raw Materials (Subsidiary Hazard) Group Standard 2006

HSNO Approval Number: HSR002503.

Hazard Category

Irritant, Sensitising

16. OTHER INFORMATION

Date of preparation or last revision of MSDS

MSDS Reviewed: June 2009

MSDS Created: July 2004

Contact Person/Point

Paul Verren For specialist advice in emergencies: Australia 1800 022 037; New Zealand 0800 154 666.

IMPORTANT ADVICE: This MSDS summarizes our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including its use in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact Nuplex Industries (Aust) Pty Ltd. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.

NUPLEX MSDS WARNING: Nuplex Group (Nuplex) is aware that third parties are distributing documents purporting to be MSDSs (or the like) in relation to Nuplex products without any authorisation from Nuplex (Unauthorised MSDS). Nuplex accepts no responsibility for the distribution of an Unauthorised MSDS by a third party. All Nuplex products must be used in accordance with the corresponding original MSDS authorised by Nuplex for use with that Nuplex product (Authorised MSDS). In the event a Nuplex product is used without the Authorised MSDS and/or with an Unauthorised MSDS, Nuplex hereby excludes absolutely and to the maximum extent permitted by law all liability whatsoever and howsoever arising for all loss and/or damage including but not limited to for personal injury, sickness and death, damage to real property and chattels and direct and indirect consequential loss and loss of profits.

End of MSDS
