

MATERIAL SAFETY DATA SHEET

Name and Address of Supplier:

BRILLIANT GROUP PTY LTD.
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Emergency Telephone:

1 800 033 111 (ALL HOURS)

Product Name:

SUPER STRENGTH EPOXY HARDENER

Use:

Super Strength Epoxy Hardener is used in conjunction with **Super Strength Epoxy Compound** to form an epoxy based adhesive designed for bonding various substrates.

Product Identification:

UN Number	Not Applicable
Hazchem	Not Applicable
G T EPG	Not Applicable
Pack Group	Not Applicable
D G Class	Not Applicable
Sub Risk	Not Applicable
Spec. EPG	Not Applicable
CAS Number	Not Applicable
SUSDP	S5 (FED), 5 (NSW), 5 (VIC), 5 (SA), 5 (WA), 5 (QLD), 5 (TAS), 5 (NT), 5 (FED)
IMDG	Not Applicable

Other Names:

Epoxy Hardener, Epoxy Part B

Ingredients:

	CAS Number	Proportion
Polyamide Resin		60%
Tertiary Amine curing agent	90-72-2	10%

Physical Description/ Properties:

Appearance	Amber Liquid
Boiling Range	Not applicable
Vapour Pressure	Not applicable
Specific Gravity	Approximately 1. 1
Flash Point	> 100 Degrees Celsius (CC)
Flammability Limits	Not applicable
Form	Liquid

Other Physical Data:

Solubility in H2O	Insoluble
Use:	Super Strength Epoxy Hardener is used in conjunction with Super Strength Epoxy Compound. It is an unfilled epoxy resin laminating adhesive for the bonding of substrates such as timber and fibreglass.

Health Hazard Information:**Acute Effects**

Eye	A moderate eye irritant. High concentrations of vapours will cause irritation.
Skin	Contact with skin may result in irritation. Repeated or prolonged skin contact may lead to irritation. Repeated or prolonged skin contact may lead to dermatitis effects. Prolonged or repeated exposure may cause skin sensitisation.
Inhaled	Not normally an inhalation risk due to low vapour pressure at ambient temperatures. High concentrations of vapour can cause severe irritation of the respiratory tract. Respiratory sensitiser.
Swallowed	Moderately toxic. May cause damage to mucous membranes.
Chronic Effects	Knowledge is based on that of the constituents. Repeated or prolonged skin contact may cause chronic dermatitis. May induce asthma-like sensitisation.

First Aid:

Eye	Immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids to be held open. Seek medical attention.
Skin	Wash with plenty of soap and water. Make sure all traces of material are removed. Remove contaminated clothing and wash before re-use. If irritation occurs, seek medical advice.
Inhaled	Remove victim to fresh air. Allow patient to assume most comfortable position and keep warm. Recovery should be rapid after removal from exposure. Keep at rest until fully recovered. Seek medical advice if effects persist.
Swallowed	Seek immediate medical assistance. Do not induce vomiting. If victim is conscious, give water or milk to drink.
First Aid Facilities	Not applicable.
Advise Doctor	Treat symptomatically.

Toxicity Data:Tertiary Amine Curing Agent

Oral LD50 (rat) 1637 mg/kg

Precautions for Use:Exposure Standards

No data available for the compounded product.

Engineering Controls

Use with adequate ventilation.

Must be sufficient to prevent breathing of vapour.

Personal Protection

Avoid skin and eye contact.

Avoid repeated and prolonged skin contact.

Always wash hands before smoking, eating, drinking or using the toilet.

Wearing the following personal protective equipment is recommended:

- * Safety Glasses, Goggles or face shield
- * Enclosed Footwear
- * Chemically resistant gloves
- * Overalls or similar protective apparel

Note: Wash contaminated clothing and protective equipment before storing/reusing.

Flammability

Will burn if involved in a fire, but is not considered to be a significant fire risk.

Environment

Avoid contaminating waterways.

Other Precautions

Polymerisation with considerable heat build up will occur if masses >0.5 kg are mixed with epoxy resins in uncontrolled conditions.

Safe Handling Information:

Storage and Transport

Store in a cool place and out of direct sunlight.
Store away from foodstuffs. Not to be loaded with foodstuffs.

Spills And Disposal

Wear appropriate protective equipment when clean up spillage.
Contain spillage using absorbent (soil or sand, sawdust, vermiculite, inert material).
Prevent any contamination of drains or waterway.
Scrape up and seal in properly labeled drums for disposal. Remove residue from contaminated areas with specific clean-up dilution or use water and detergent. Observe local regulations when disposing of waste material.

Reactivity Data

Avoid contact with strong oxidising agents, mineral acids and epoxy resins under uncontrolled conditions.

Other Safe Handling Information

Avoid breathing vapour if product is heated

Manufacturers Advice

This product must be used in conjunction with Supers Strength Epoxy Compound. Refer to Technical Data sheet or label for mixing ratios. Ensure that people handling this product are not allergic (sensitive) to epoxy curing agents, amines or epoxy resins.

Contact Point:

**Australian Adhesives
Technical Department
Telephone: (03) 9555 1522
Facsimile: (03) 9555 4048**

The information provided herein, especially recommendations for the usage and the application of our products, is based upon our knowledge and experience. Due to different materials used as well as to varying working conditions beyond our control we strictly recommend to carry out intensive trials to test the suitability of our products with regard to the required processes and applications. We do not accept any liability with regard to the above information or with regard to any verbal recommendation, except for cases where we are liable of gross negligence or false intention.

End of MSDS