

Product Name : EPOXY PUTTY PART B (Hardener)
Other Names : None
Part No. : EPPYL1, EPPYL2, EPPYL4
MSDS No. : NZ2302 (Read in Conjunction with NZ2301)
Date & Issue : Nov. 03 – Issue 1

Ramset NZ
A Division of ITW NZ Ltd
PO Box 40-031
Glenfield. Auckland
www.ramset.co.nz

1: RECOMMENDED USE

Hardener component of a two pack epoxy putty for use in bonding, filling and repairs to concrete natural stone, brick etc.

2: HAZARDS IDENTIFICATION

UN No	: 1760	Hazchem Code	: 3X
Hazard Class	:	Poisons Schedule	: S5 (Fed)
Subsidiary Risk	:	CAS No	: None
SPEC EPG	: None	G T EPG	: 8A1
NIOSH	: None	Packing Group	: III
D G Class	: 8	IMDG	: None

3: PHYSICAL DESCRIPTION & PROPERTIES

Appearance	: Black paste	Flammability Ltd	: Not available
Specific Gravity	: Approx. 1.5	Boiling Point	: Not available
Form	: Liquid	Melting Point	: Not available
Vapor Pressure	: Not available	Flashpoint	: >100°C (PMCC)
Solubility in Water	: Very low water solubility	Other	: Amine odour

4: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	(CAS No)	Content Proportion
Modified aliphatic polyimine		Low
Amidomine resin		Low
Inert filler		High
Contents	: H igh >60% M edium 10 – 60% L ow 1 – 10% V ery Low <1%	

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5: HEALTH HAZARD INFORMATION
****TAKE A COPY OF THIS MSDS TO THE DOCTOR****

HEALTH EFFECTS: ACUTE:

Eyes
A severe eye irritant. Liquid will cause burns. High concentrations of vapour may cause irritation.

Skin
Corrosive to skin – prolonged contact may cause irritation or burns. Repeated or prolonged contact may lead to dermatitis effects. Repeated or prolonged exposure may cause skin sensitization.

Inhaled
High concentrations of vapour can cause severe irritation of the respiratory tract. Possible allergic reactions, respiratory sensitizer.

Swallowed
Will cause severe damage to the mucous membranes.

HEALTH EFFECTS: CHRONIC:

Knowledge is based on that of the constituents. Repeated or prolonged skin contact can cause asthma and skin sensitization or other allergic response. Repeated or prolonged skin contact can cause chronic dermatitis.

FIRST AID

Eyes
Immediately hold the eyes open and wash continuously for at least 15 minutes with fresh running water. Ensure irrigation under eyelids by occasionally lifting upper and lower lids. Transport to hospital or doctor without delay. Removal of contact lenses after an eye injury should be undertaken by skilled personnel.

Skin
Wash thoroughly with plenty of mild soap and water. Make sure all traces of material are removed from the skin. Remove contaminated clothing and wash before re-use. If irritation, swelling or reddening occurs seek medical advice.

Inhaled
Remove 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 full recovered. Seek medical advice if effects persist.

Swallowed
Give a glass of water or milk. Do not induce vomiting.

Advice to Doctor
Treat symptomatically.

First Aid facilities
Ensure that eye wash bath is readily accessible.

Toxicity data
No data available for the compounded product.

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6: PRECAUTIONS FOR USE

EXPOSURE LIMITS:

No data available for this compounded product

VENTALATION:

Use with adequate ventilation. Must be sufficient to prevent breathing of vapour. General factory or outdoor ventilation will normally be adequate. If working in enclosed or poorly ventilated area's the use of mechanical ventilation is required

PERSONAL PROTECTION:

Eyes

Safety glasses with side shields. Chemical goggles. Faceshield.

Hands & Feet

PVC gloves. Neoprene gloves. Nitrile gloves. Safety footwear. PVC boots.

Other

Overalls or similar protective apparel. Avoid contact with the skin or eyes and avoid breathing the vapour. Wash contaminated clothing and protective equipment before storing/re-using.

FLAMABILITY:

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

ENVIROMENT:

Avoid contaminating waterways.

OTHER PRECAUTIONS:

Polymerisation with considerable heat build up will occur if masses >0.5kg are mixed with epoxy resins in uncontrolled conditions. Always observe adequate standards of industrial hygiene.

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7: SAFE HANDLING & STORAGE

STORAGE & TRANSPORT:

Transport in original containers. Not to be loaded with foodstuffs. Store in cool, dry, well ventilated place and out of direct sunlight. Store away from foodstuffs.

PACKAGING & LABELLING:

Packaging group III. Label corrosive (8).

SPILLS & DISPOSALS:

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

8: FLAMABILITY

Fire/Explosion hazard	: Will emit toxic fumes	Upper Explosion Limit	: Not determined
Extinguishing Media	: Carbon dioxide, dry chemical, foam	Lower Explosion Limit	: Not determined
May Decompose Explosively	: No	Dust Explosion Limit	: No

Other

Fire fighters to wear self contained breathing apparatus if risk of exposure to products of decomposition.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon dioxide, carbon monoxide, oxides of nitrogen, soot and smoke, oxidative products or polymeric materials.

9: OTHER INFORMATION

Other Safe Handling:

Avoid breathing in vapour and avoid contact with the skin.

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