

**Product Name** : EPOXY GROUT RESIN**Other Names** : None**Part No.** : EPGRL2, EPGRL4**MSDS No.** : NZ1902 (Read in conjunction with NZ1901)**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**

Formulated Epoxy resin for grouting

**2: HAZARDS IDENTIFICATION**

UN No	: None	Hazchem Code	: None
Hazard Class	: None	Poisons Schedule	: 5
Subsidiary Risk	: None	CAS No	: None
SPEC EPG	: None	G T EPG	: None
NIOSH	: None	Packing Group	: None
D G Class	: None	IMDG	: None

**3: PHYSICAL DESCRIPTION & PROPERTIES**

Appearance	: Grey coloured parable liquid	Flammability Limit:	Non flammable
Specific Gravity	: 4.7 g/cc @ 25°C	Boiling Point	: Not specified
Form	: Liquid	Melting Point	: Not specified
Vapor Pressure	: Not applicable	Flashpoint	: 155°C (Pensky Martens Closed Cup)
Solubility in Water	: Insoluble	Other	:

**4: COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	(CAS No)	Content Proportion
Reactive Diluent CGE	26447-14-3	Low
Triphenyl Phosphite	101-02-0	Low
Bisphenol A Epoxy Resin	25068-38-6	Medium

Contents : **H**igh>60% **M**edium 10 – 60% **L**ow 1 – 10% **V**ery Low <1%[PRINT DOCUMENT](#)[BACK TO CONTENTS](#)**NATIONAL POISONS INFORMATION CENTRE**  
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An eye irritation

Skin

Contact with skin may result in irritation. Repeated or prolonged skin contact may lead to dermatic effects. Prolonged or repeated exposure may cause skin sensitisation

Inhaled:

May be slightly irritant to susceptible individuals.

Swallowed

Slight irritant.

**HEALTH EFFECTS: CHRONIC:**

Susceptible individuals may develop allergic reactions such as dematitis or asthma like symptoms in a single significant skin exposure or may become sensitised to the material on repeated contact.

**FIRST AID**            **Take a copy of this MSDS to the Doctor.**Eyes

Hold eyes open and flood with water for at least 15 minutes. Consult doctor.

Skin

Wash skin thoroughly with plenty of soap and water. Do not use solvents. Seek medical advice if irritation or reddening occurs. Remove contaminated clothing and wash before re-use.

Inhaled

Remove victim to fresh air. Allow patient to assume most comfortable position and keep warm.

Swallowed

Do not induce vomiting. Give a glass of water. Seek medical advice.

Advice to Doctor

Treat symptomatically.

First Aid facilities

Ensure that safety shower and eye wash bath are readily accessible.

Toxicity data

Oral Rat LD50&gt;6000mg/kg

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No data is available for the compounded material, the following data relates to the ingredients of Ramset Epoxy Grout resin.

Ephichlorohydrin TWA: 2ppm, 7.6mg/m<sup>3</sup>

Epoxy resins are made in reactions involving epichlorohydrin. Therefore it must be assumed that very small amount of the material will remain in the final product.

Epichlorohydrin has been classified as a category 2 carcinogen by Worksafe Australia, hence it is absolutely essential that all forms of exposure are kept to a minimum by using all of the safety equipment recommended. By doing this the associated problems of sensitisation and dermatitis can be avoided.

**VENTALATION:**

Use in an adequately ventilated area. General factory ventilation is normally sufficient. Local exhaust ventilation will be required in confined areas or where natural ventilation is not sufficient to maintain concentrations below exposure limits. In poorly ventilated or confined areas the use of respirator may be required.

**PERSONAL PROTECTION:**Eyes

Goggles. Avoid eye contact.

Hands & Feet

PVC, neoprene or nitrile rubber gloves. Avoid skin contact.

Other

The use of barrier cream is recommended. Wash contaminated clothing and protective equipment before storing/re-using. Always wash hands before smoking, eating, drinking or using the toilet. Where sufficient ventilation is not available or if the risk of inhalation of spray mist exists, wear combined organic vapour/particulate respirator. If using a respirator ensure that the cartridges are correct for the potential air contamination and are in good working order. If cured material made is be cut or sanded, ensure an appropriate dust mask is worn.

**FLAMABILITY:**

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

**ENVIROMENT:**

Avoid contaminating waterways. Toxic to aquatic life. May cause long term adverse effects in the aquatic environment.

**OTHER PRECAUTIONS:**

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

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Store in cool place and out of direct sunlight. Store between 5 and 35°C for maximum storage life. Not to be loaded with foodstuffs. Not defined as a Dangerous Good by the Australian Code for the Transport of Dangerous Goods by Road and Rail.

**PACKAGING & LABELLING:**

Store in original containers.

**SPILLS & DISPOSALS:**

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

**OTHER PRECAUTIONS - REACTIVITY DATA:**

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

**8: FLAMABILITY**

Fire/Explosion hazard :

Extinguishing Media :

May Decompose Explosively : No

Extinguishing Media : Water mist, CO2, Foam, Dry Powder

Upper Explosion Limit : None

Lower Explosion Limit : None

Dust Explosion Limit : None

Other:

Safe Handling – Avoid breathing vapour if product is heated.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

Carbon dioxide, carbon monoxide, soot and smoke, oxidative products of polymeric material.

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