

**Product Name** : RAMSET DYNASEAL**Other Names** : None**Part No.** : DYSLGRG450**MSDS No.** : NZ2700**Date & Issue** : NOV 3/ ISSUE A

Ramset NZ

A Division of ITW NZ Ltd

PO Box 40-031

Glenfield, Auckland

www.ramset.co.nz

**1: RECOMMENDED USE**

An acrylic urethane co-polymer flexible joint sealant.

**2: HAZARDS IDENTIFICATION**

UN No : None

Hazard Class :

Subsidiary Risk : None

SPEC EPG : None

NIOSH : None

D G Class : None

Hazchem Code : None

Poisons Schedule : None

CAS No : None

G T EPG : None

Packing Group : None

IMDG : None

**3: PHYSICAL DESCRIPTION & PROPERTIES**

Appearance : Grey Paste

Specific Gravity : 1.5 (Water = 1)

Form : Not applicable

Vapor Pressure : Not available

Solubility in Water : Miscible in water

Flammability Ltd : Not available

Boiling Point : Not available

Melting Point : Not available

Flashpoint : Not applicable

Other :

**4: COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name,	(CAS No)	Content Proportion
: Acrylic dispersion		: Medium
: Aqueous urethane dispersion		: Medium
: Inorganic fillers		: Medium
: Coalescent		: Low
: Cellulose thickener		: Very Low
: Titanium dioxide		: Very Low
: Defoamer		: Very Low
: In-can biocide		: Very Low
: Water		: Very Low

Contents : **H**igh >60% **M**edium 10 – 60% **L**ow 1 – 10% **V**ery Low <1%**PRINT DOCUMENT****BACK TO CONTENTS**

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This may be irritating to the eyes.

Skin

The material is irritating to the skin from repeated exposures over long periods.

Inhaled

Normally is not a hazard due to non volatile nature of product.

Swallowed

The material is irritating to the gastrointestinal tract. Considered and unlikely route of entry in commercial/industrial environments.

**HEALTH EFFECTS: CHRONIC:**

Chronic health effects of acrylic monomer are under review.

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

If this product comes into contact with the 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 the upper and lower lids. Transport to hospital or doctor without delay. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

Skin

If this product comes into contact with the skin, remove all contaminated clothing immediately, including footwear (after rinsing with water). Wash affected areas thoroughly with water and soap if available. Seek medical attention in event of irritation.

Inhaled

If fumes or combustion products are inhaled, remove patient to fresh air. Lay patient down. Keep warm and rested. Other measures are usually unnecessary.

Swallowed

If swallowed do NOT induce vomiting. If conscious, give water (or milk) to rinse out mouth and to drink. Provide liquid slowly but as much as casualty will drink. Seek medical advice.

Advice to Doctor

Treat symptomatically.

First Aid facilities

Eyewash unit

Toxicity data

Not available for mixture. Data for principal ingredients only. Acrylic polymer may contain traces of monomer.

CAUTION: Chronic health effects of acrylic monomer are under review. Use good occupational hygiene practices to limit all personal contact.

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None assigned for mixture. Refer individual constituents

TLV TWA: 10 mg/m<sup>3</sup> total dust containing no asbestos and <1% free silica (titanium dioxide and inorganic fillers).**VENTILATION:**

Provide adequate ventilation in warehouse or closed storage areas.

**PERSONAL PROTECTION:**Eyes

Safety glasses. Safety glasses with side shields. Chemical goggles. Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them.

Hands & Feet

No special equipment is needed when handling small quantities. Wear protective gloves e.g. PVC.

Respiratory

General exhaust is adequate under normal operating conditions. If inhalation risk of overexposure exists, wear SAA approved respirator (air purifying type). Correct fit is essential to obtain adequate protection.

Other

Overalls. Barrier cream. Skin cleansing cream. Eyewash unit. The principal route of exposure is usually by skin contact. As with any chemical, ingestion, inhalation and prolonged or repeated skin contact should be avoided by good occupational work practice.

The local concentration of material, quantity and conditions of use determine the type of personal protective equipment required. For further information contact your Occupational Health and Safety Advisor.

**FLAMMABILITY:**

Not specified

**ENVIRONMENT:**

Not specified

**OTHER PRECAUTIONS:**

None specified.

**7: SAFE HANDLING & STORAGE****STORAGE & TRANSPORT:**

Store in lined metal can. Line metal pail/drum. Polyliner drum or plastic pail. Check that containers are clearly labelled. Packaging as recommended by manufacturer.

**PACKAGING & LABELLING:**

No packaging group assigned. No class label assigned.

**SPILLS & DISPOSALS:**Minor:

Clean up all spills immediately. Avoid breathing in vapours and contact with skin and eyes. Control personnel contact by using protective equipment. Contain and absorb spill with sand, earth, inert material or vermiculite. Wipe up. Place in suitable labelled container for waste disposal.

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Minor hazard. Clear area of personnel. Alert Fire Brigade and tell them nature of hazard. Control personnel contact by using protective equipment if risk of overexposure exists. Prevent, by any means available, spillage from entering drains or water courses. Contain spill with sand, earth or vermiculite. Collect recoverable product into labelled containers for recycling. Absorb remaining product with sand, earth or vermiculite and place in appropriate containers for disposal. Wash area and prevent runoff into drains or waterways. If contamination occurs, advise emergency services.

Disposal:

Recycle wherever possible. Consult manufacturer for recycling options. Consult State Land Waste Management Authority for disposal. Bury or incinerate residue at an approved site. Recycle containers wherever possible, otherwise dispose in an authorised landfill.

**OTHER PRECAUTIONS:**

Limit all unnecessary personnel contact. Wear protective clothing when risk of overexposure occurs. Use in a well-ventilated area. DO NOT eat, drink or smoke while handling. Keep containers securely sealed when not in use. Avoid physical damage to containers. Always wash hands with soap and water after handling. Work clothes should be laundered separately. Use good occupational work practice. Observe manufacturer's storing and handling recommendations.

**8: FLAMMABILITY**

## Fire/Explosion hazard

Alert Fire Brigade and tell them location and nature of hazard. May violently or explosively react. Wear breathing apparatus plus protective gloves. Prevent, by any means available, spillage from entering drains or water courses. If safe to do so switch off any electrical equipment until vapour fire hazard removed.

Use water delivered as a fine spray to control the fire and cool adjacent area. Avoid spraying water onto liquid pools. Do not approach containers suspected to be hot. Cool fire exposed containers with water spray from a protected location. If safe to do so, remove containers from path of fire. Decontaminate equipment thoroughly after use.

This material is not combustible under normal conditions. However, it will break down under fire conditions and the organic component may burn. Not considered to be a significant fire risk. Heating may cause expansion or decomposition leading to violent rupture of containers. Decomposes when heated and may produce toxic fumes of carbon monoxide. May emit acrid smoke. Decomposition may produce toxic fumes of carbon dioxide (CO<sub>2</sub>) nitrogen oxides (NO<sub>x</sub>) and hydrogen cyanide.

Extinguishing Media : There are no restrictions on the type of extinguisher that may be used.  
May Decompose Explosively : Heating may cause expansion or decomposition leading to violent ruptures of containers.  
Upper Explosion Limit : Not available  
Lower Explosion Limit : Not available  
Dust Explosion Limit : None specified

Other:

**HAZARDOUS DECOMPOSITION PRODUCTS:**

May produce toxic fumes of carbon dioxide, nitrogen oxides and hydrogen cyanide.

**9: OTHER INFORMATION**

None

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