

Product Name : FYREBRAKE Fire & Acoustic Sealant**Other Names** : None**Part No.** : FYBRGYS**MSDS No.** : NZ6500**Date & Issue** : Nov 9 2006 / Issue A

Ramset NZ

A Division of ITW NZ Ltd

PO Box 40-031

Glenfield, Auckland

www.ramset.co.nz

1: RECOMMENDED USE

Sealing joints and penetrations in fire and acoustic rated wall panels

2: HAZARDS IDENTIFICATION

Classified as hazardous according to criteria of NOHSC-

Risk Phrases:

R20 Harmful by inhalation

R42 May cause sensitization by inhalation

Safety Phrases:

S23 Do not breathe vapour

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection

S38 In case of insufficient ventilation, wear suitable respiratory equipment

3: COMPOSITION/ INFORMATION ON INGREDIANTS

Ingredient Chemical Identity	(CAS No)	Content Proportion
Toluene Diisocyanate	584-84-9	: < 0.5%
Toluene	108-88-3	: < 5%
Ingredients not classified as hazardous		: To 100%

4: FIRST AID MEASURES**ACUTE:****Eyes**

If in eyes, hold eyelids apart and flush the eye continually with running water for at least 15 minutes. If irritation persists contact a doctor.

Skin

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair thoroughly with running water. Contact doctor if swelling, redness or blistering occurs or if irritation persists.

Inhaled

If inhaled remove from exposure. Allow patient to assume most comfortable position. Keep at rest until fully recovered. If breathing has stopped apply artificial respiration. Seek medical advice.

Swallowed

DO NOT induce vomiting. Give a glass of water to drink. Contact a doctor or Poisons Information centre (0800 764 766)

5: FIRE FIGHTING MEASURES**Product is Combustible****Suitable Extinguishing Media:**

Carbon Dioxide, Carbon Monoxide.

Hazardous Products of Combustion:

Carbon Dioxide, Carbon Monoxide.

Special protective precautions and equipment for fire-fighters:

Wear full protective clothing

Wear self contained breathing apparatus

Hazchem Code:

Not applicable

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NATIONAL POISONS INFORMATION CENTRE

: 0800 764 766

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6: ACCIDENTIAL RELEASE MEASURES

Wear protective equipment to prevent contact with skin and eyes. Avoid breathing vapour.

Material is a paste and resistant to flow. Scoop up spilled material and place into properly labeled containers for disposal.

7: HANDLING & STORAGE

Precautions for safe handling.

Avoid contact with skin and eyes, avoid breathing vapour.

Conditions for safe storage, including any incompatibilities.

Store in a cool dry place out of direct sunlight. Ensure area is well ventilated. Store away from sources of heat or ignition.

8: EXPOSURE CONTROLS / PERSONAL PROTECTION

National exposure standards

Ingredient	CAS	TWA	STEL
Toluene Diisocyanate	584-84-9	0.02mg/m ³	0.07mg/m ³
Toluene	108-88-3	191mg/m ³ (50ppm)	574mg/m ³ (150ppm)

Engineering controls

If natural ventilation is inadequate provide exhaust ventilation to keep airborne levels below exposure standards.

Personal protective equipment.

Wear impervious gloves and overalls. Wear safety glasses, goggles or face shield. Use vapour respirator in confined areas or poorly ventilated areas.

9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Grey Paste
Odour:	Mild Solvent Odour
pH:	N/A
Vapour Pressure:	Not determined
Boiling point/Range:	Not determined
Freezing/Melting point:	Not determined
Solubility in water:	Not soluble
Specific Gravity:	1.56g/ml
Flashpoint and method:	543°C (TAG Closed cup ASTM D56)
Flammability and method:	Not applicable
Exposure limit:	Not applicable
Ignition temperature:	Not determined

Other Properties

Volatile Organic Compound Content (VOC):	55g/L
Percent Volatile:	3.5%

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10: STABILITY AND REACTIVITY

Chemical stability.

Stable

Conditions to avoid.

Material will thicken and harden in the presence of water or moisture (humidity)

Incompatible materials

Alcohols, amines, strong bases and surface active materials

Hazardous decomposition

Oxides of carbon, oxides of nitrogen and traces of isocyanates.

Hazardous reactions.

None

11: TOXICOLOGICAL INFORMATION

Acute:

May aggravate pre existing allergic reactions.

Swallowed:

Ingestion may result in nausea, vomiting and irritation of the gastrointestinal tract

Eye:

May be irritating in contact with eyes

Skin:

May result in irritation in contact with the skin

Inhaled:

Harmful if inhaled. Respiratory sensitizer. Inhalation may result in allergic reaction.

Chronic:

Not listed as a carcinogen

Toxicological data not available

12: ECOLOGICAL INFORMATION

Do not allow material to enter drains or contaminate waterways.

Ecotoxicity not available

13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.

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www.ramset.co.nz**14: TRANSPORT INFORMATION****Not classified as a dangerous good for transport and storage****UN Number:** Not applicable**UN Proper Shipping name:** Not applicable**Class and subsidiary risk:** Not applicable**Packing group:** Not applicable**Hazchem code:** Not applicable**15: REGULATORY INFORMATION****Poisons Schedule:** Not applicable**NICNAS Status:** All ingredients are listed on the AICS**16: OTHER INFORMATION****Contact Point:** Product Manager: Construction Chemicals[PRINT DOCUMENT](#)[BACK TO CONTENTS](#)

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