

Product Name : ROOFSEAL NEUTRAL CURE SILICON SEALANT

Ramset NZ

Other Names : None

A Division of ITW NZ Ltd

Part No. : Translucent, RFSLTRG300, Off White RFSLFWG410

PO Box 40-031

MSDS No. : NZ3400

Glenfield. Auckland

Date & Issue : NOV 3/ ISSUE A

www.ramset.co.nz

1: RECOMMENDED USE

Roofseal is especially formulated for use as a sealing compound between sheet metal components in the construction of roofs, gutters, downpipes, etc.

2: HAZARDS IDENTIFICATION

UN No : None

Hazchem Code : None

Hazard Class :

Poisons Schedule : None (Fed)

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 : Non-flowing translucent paste

Flammability Ltd : Non-flammable

Specific Gravity : 1.0 (Water = 1)

Boiling Point : >200 deg C

Form : Solid

Melting Point : >200 deg C

Vapor Pressure : n/a

Flashpoint : n/a

Solubility in Water : n/a

Other : n/a

4: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	(CAS No)	Content Proportion
: Polydimethylsiloxane compounds	:	: High
: Fillers and plasticizers	:	: Medium
: Amorphous silica, calcium carbonate Pigments	:	: Low
: Oxime Silanes	:	: Low
: Organotin catalysts	:	: Low

Contents : **High**>60% **Medium** 10 – 60% **Low** 1 – 10% **Very Low** <1%**PRINT DOCUMENT****BACK TO CONTENTS**

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A moderate eye irritant.

Skin

Repeated or prolonged contact may lead to irritation.

Inhaled

High concentrations of vapour may cause irritation of the respiratory tract.

Swallowed

May cause irritation to mouth, throat and stomach.

HEALTH EFFECTS: CHRONIC:

Chronic exposure to vapours may cause inflammation of the nose, mouth, throat and bronchi. (No vapour is emitted after full cure).

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

Irrigate with copious amounts of water for 15 minutes. Seek medical assistance if symptoms persist.

Skin

Wash with plenty of soap and water.

Inhaled

Remove to fresh air.

Swallowed

Give water or milk to drink. DO NOT induce vomiting. Seek medical assistance.

Advice to Doctor

Treat symptomatically. Consult Poisons Information Centre.

First Aid facilitiesToxicity data

Methylethylketoxime set free upon curing present notable risk of toxicity, when large amounts of the product are used in an enclosed area, e.g. a small unventilated bathroom. Amorphous silica and other fine powder ingredients are bound in the paste mixture.

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No exposure limit is assigned to the mixture. Methylethylketoxime is released during cure. Limited animal (rat) data showed that at high vapour concentration of Methylethylketoxime is narcotic effects are observed. Ingestion : LD50 (rat) = 2400-3700 mg/kg.

VENTILATION:

Avoid breathing in vapours. Use with adequate ventilation.

PERSONAL PROTECTION:Eyes

Wear eye protection to prevent any reasonable probability of eye contact.

Hands & Feet

Wear appropriate clothing to prevent repeated or prolonged skin contact.

RespiratoryOther

Wear appropriate clothing to prevent repeated or prolonged skin contact.

FLAMMABILITY:**ENVIRONMENT:**

Non-biodegradable. No negative ecological effects are known.

OTHER PRECAUTIONS:

Safe working practice and good hygiene should be observed.

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Keep product dry to prevent lumping or possible deterioration.

PACKAGING & LABELLING:

Keep in original airtight container to prevent degradation.

SPILLS & DISPOSALS:

Normally suitable for local incineration. Consult local regulations. Non-biodegradable.

OTHER PRECAUTIONS:

The foregoing data apply to the uncured sealant. The hazards associated with this product are due mainly to the reactive silane cross linkers and the vapours given when the sealant reacts with moisture in the air. When curing is complete the resulting product is an inert, non-toxic, silicone elastomer. The product is considered stable under normal handling conditions.

8: FLAMMABILITY

Fire/Explosion hazard : Low hazard. Non-flammable paste. Forms essentially amorphous silica, carbon dioxide and carbon monoxide on combustion.

May Decompose Explosively : No

Upper Explosion Limit : Not determined

Extinguishing Media : Water mist, CO₂, foam, dry powder

Lower Explosion Limit : Not determined

Dust Explosion Limit : No

Other :

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon monoxide, carbon dioxide, nitrogen oxides, and possible other toxic gases and vapours.

9: OTHER INFORMATION

None

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