

Material Safety Data Sheet



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PRODUCT: FORMSEAL SILICONE SEALANT

ISSUE: 1 DATE 24/4/06

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SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: FORMSEAL
Manufacturer's Product Code: FMSLG300A
Other Names: None
Recommended Uses: Sealing formwork

Reid Construction Systems Pty Limited ABN 83 010 099 617
A Division of ITW Construction Products
Maroondah Highway,
Mooroolbark, Victoria, Australia. 3138
Telephone: 1300 780 250
Emergency Telephone Number: 1300 780 250 (Monday to Friday, 8 am to 5 pm EST)

SECTION 2: HAZARDS IDENTIFICATION

- Classified as Hazardous according to criteria of NOHSC -

Risk Phrases:

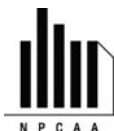
R40 Limited evidence of a carcinogenic effect
R43 May cause sensitisation by skin contact

Safety Phrases:

S13 Keep away from food, drink and animal feeding stuffs
S23 Do not breathe vapour
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Chemical Identity	CAS Number	Proportion
Methyl Ethyl Ketoxime (Reactive by-product)	96-29-7	< 1%



REINFORCING • PRE-CAST • TILT-UP

ITW Ramset Australia Pty, Ltd. ABN 48 004 297 009 Trading as Reid Construction Systems

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SECTION 4: FIRST AID MEASURES

ACUTE

Swallowed: Do NOT induce vomiting. Give a glass of water to drink. Contact a doctor or Poisons Information Centre 13 1126

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

Skin: If on skin, remove contaminated clothing and wash skin thoroughly with soap and water. Contact doctor if irritation persists.

Inhaled: If inhaled remove from exposure.

SECTION 5: FIRE FIGHTING MEASURES

Product is combustible

Suitable Extinguishing Media: Dry chemical, Carbon dioxide, Foam, Water

Hazardous products of combustion: Oxides of nitrogen, silicon and carbon

Special protective precautions and equipment for fire-fighters: Wear self-contained breathing apparatus and protective clothing

Hazchem code: None

SECTION 6: ACCIDENTAL RELEASE MEASURES

Slippery when wet

Methods and materials for containment and clean up:
Avoid contact with skin and eyes. Avoid breathing vapour.

Contain and absorb spill with sand, earth or vermiculite. Scoop up and seal in containers for disposal.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with skin and eyes
Avoid breathing vapour

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Use in a well ventilated area

Conditions for safe storage, including any incompatibilities

Store in air tight containers below 30°C and in low humidity. Product reacts to cure to a rubbery solid in contact with airborne moisture.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

National exposure standards

Ingredient	CAS	TWA		STEL	
		ppm	mg / m ³	ppm	mg / m ³
Methyl Ethyl Ketoxime	96-29-7	10	None	10	None

Engineering controls

Exhaust ventilation where natural ventilation is inadequate

Personal protective equipment

Safety glasses, gloves, overalls, protective footwear, respiratory protection (Organic Vapour Respirator) where ventilation is poor

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Translucent, colourless paste

Odour: Mild

pH: Not applicable

Vapour Pressure: Not available

Boiling Point / Range: Not available

Freezing / Melting Point: Not available

Solubility in Water: Not soluble

Specific Gravity: 1.03 g / ml

Flashpoint and Method: 63°C

Flammability Limit: Not available

Explosive Limit: Not available

Ignition Temperature: Not available

Other Properties:

Volatile Organic Compound Content (VOC): < 100 g / Litre

SECTION 10: STABILITY AND REACTIVITY

Chemical stability: Stable

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Conditions to avoid: Heat, high humidity

Incompatible materials: Water

Hazardous decomposition products: None

Hazardous reactions: None

SECTION 11: TOXICOLOGICAL INFORMATION

Skin: May cause sensitisation by skin contact. May cause irritation in contact with skin

Eyes: May be irritating to eyes

Inhaled: May be irritating to respiratory tract

Swallowed: May cause irritation to mouth and throat

The product reacts with airborne moisture to cure to a rubbery solid. Very low quantities Methyl Ethyl Ketoxime are released as a by-product of this reaction.

The following information relates to the by-product Methyl Ethyl Ketoxime:

Listed by NOHSC as a carcinogen category 3: Limited evidence of a carcinogenic effect

Oral LD50 (rat): 2300 - 3700 mg/kg

Dermal LD50 (rat): > 1000 mg/kg

Inhalation LC50 (rat): > 4.8 mg/L (4 hour)

SKIN: Mild irritant. Weak skin sensitiser.

EYES: Corrosive (rabbit).

The components in the proportions present are not considered to present a hazard under conditions of good occupational work practice. For methyl ethyl ketoxime (1): Negative in IN-VITRO and IN-VIVO genotoxicity assays. Animal studies have shown that this chemical does not cause reproductive or developmental toxicity. Four week inhalation studies in the rat produced a NOEL (for CNS effects) of 714 ppm and NOEL (for blood effects) of 283 ppm. Lifetime inhalation studies in rats and mice have observed changes to liver and nasal tissue (degeneration of olfactory epithelium). Nasal tissue changes were concentration dependant. Recent lifetime inhalation studies have shown statistically significant increase in liver tumours in male rats and male mice at 375 ppm. No tumours were present at lower concentration rates (15 and 75 ppm) or in female rats or mice at any concentration tested. Liver tumour incidence is relatively more common in rodents than humans. At current estimated exposure levels it is not anticipated that methyl ethyl ketoxime represents a carcinogenic risk to humans, however further testing is currently underway to assess the relevance of the above data to humans.

SECTION 12: ECOLOGICAL INFORMATION

No data for the product or its ingredients

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SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state and federal requirements

SECTION 14: TRANSPORT INFORMATION

UN Number: None

UN Proper Shipping Name: None

Class and subsidiary risk: None

Packaging Group: None

Hazchem Code: None

SECTION 15: REGULATORY INFORMATION

Poisons Schedule: Not scheduled

NICNAS Status: All ingredients are listed on the AICS

SECTION 16: OTHER INFORMATION

Contact Point

Product Manager Concrete Lifting 1300 780 250 (Monday to Friday 8:00am to 5:00 pm EST)