



MATERIAL SAFETY DATA SHEET

1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: **FLOTEX FIX-IT**
 Other Names: None
 Manufacturer's Product Code: FC9
 Product Use: Residual detergent remover for Flotex floor coverings.

COMPANY DETAILS

Company: Karndean International Pty Ltd
 Address: 835 Stud Road, Knoxfield VIC Australia 3180
 Telephone: (03) 9763 5588 Facsimile (03) 9763 1625
 Toll Free: 1800 331 170
 Email: enquiries@karndean.com.au
 Contact Person: Graham Caldwell

Company: Karndean International NZ
 Address: Unit A, 73 Greenmount Drive East Tamaki, Auckland
 P.O. Box 58264 New Zealand
 Telephone: (09) 273 5430 Facsimile (09) 273 5435
 Toll Free: 0800 442 101
 Email: info@karndean.co.nz

Emergency Telephone Number: 131 126 (Aust wide)

2: HAZARDS IDENTIFICATION

Hazardous according to criteria of NOHSC.
Irritant Xi
R36/37/38 Irritating to eyes, respiratory system and skin.

3: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients:

Chemical Entity:	CAS No.:	Proportion:
Sodium metabisulphite	7681-57-4	< 10 %
Sequestrant	non-haz	< 10 %
Water	7732-18-5	> 60 %

4: FIRST AID MEASURES

Poisons information Centre:

Ph: (AUS) 131 126 (NZL) 0800 764 766

Swallowed: If poisoning occurs, contact a doctor or Poisons Information Centre. If swallowed, DO NOT induce vomiting. Give a glass of water. Rinse mouth with water. Never give anything by mouth to an unconscious person.

Eye: Immediately hold the eyes open and wash continuously for at least 15 minutes with fresh running water. Ensure irrigation under the 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: Remove any contaminated clothing and flush area with water and soap if available. Seek medical attention in the event of irritation.

Inhaled: Remove affected person to fresh air. Lay patient down. Keep warm and rested. If breathing is shallow or has stopped, ensure clear airway and apply resuscitation. Transport to hospital or doctor

5: FIRE FIGHTING MEASURES

Fire/Explosion Hazard: FLOTEX FIX-IT is not combustible.

Fire Extinguishing Media: Water spray or fog. Foam. Dry chemical powder. Carbon dioxide.

Special fire-fighting procedures: None.

Unusual fire hazards: None.

Hazardous products of combustion: Thermal decomposition at temperatures above 200°C or in large fire may yield toxic fumes. Use adequate ventilation.

6: ACCIDENTAL RELEASE MEASURES

Clean up all spills immediately. Spills may be slippery. Avoid contact with skin and eyes. Contain spill and mop up. Repeated skin contact must be avoided. If spilled on clothing, remove and launder before reuse. Avoid breathing vapour of product.

7: HANDLING AND STORAGE

Storage and Transport: Store in a cool, dry place away from foodstuff containers. Keep container lid tightly closed.

Stability: Stable.

Incompatibility (Materials to avoid for purposes of transport, handling and storage only): Avoid storage with strong alkalis and oxidising agents such as chlorine, bleach, chlorates or nitrates. FLOTEX FIX-IT is corrosive to some metals and should not be allowed to come in contact with mild steel, cast iron, brass, copper and tinned or galvanised materials.

8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards: None assigned for mixture. Data for principal ingredients only:

Atmospheric Contaminant Exposure Standard for Sodium Metabisulphite : CAS No. 7881-57-4
 TWA = N.A. ppm, 5 mg/cu.m.
 STEL = N.A.

(Source: Worksafe Australia NOHSC: 1002 1995)

Engineering Controls: Ventilation: Use with adequate ventilation. Avoid breathing vapour of product.

Mechanical Ventilation : Not required under normal conditions, but local exhaust ventilation should be used.

Personal Protection: Avoid contact with skin and eyes.

Gloves - Wear rubber gloves if prolonged skin contact is anticipated.

Eye-protection – Safety glasses to be worn if there is a risk of splashing.

Respiratory – Wear an appropriate safety mask if exposed to concentrated vapour from product.

Flammability: FLOTEX FIX-IT is not combustible.



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9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Transparent colourless liquid
 Odour: Mild sulphur odour
 pH = 1.5 - 2.5
 Vapour Pressure: N/K
 Vapour Density: N/K
 Boiling Point: 100°C
 Solubility in water : Infinitely miscible
 Specific Gravity: 1.02
 Evaporation Rate: As water
 % volatile by vol: > 90%

10: STABILITY AND REACTIVITY

Stable.
 Hazardous polymerization: None.

11: TOXICOLOGICAL INFORMATION

Health Effects: Acute -

Swallowed: Product is irritating to the gastro-intestinal tract if swallowed, but this is considered unlikely to occur in commercial environments. Ingestion may cause diarrhoea.

Eye: Harmful. Eye contact may result in severe irritation.

Skin: Harmful. Principal exposure route is usually by skin contact. Irritating to skin and capable of causing skin reactions. Repeated or prolonged skin contact may cause swelling, redness, blistering or dermatitis.

Inhalation: Irritating to the respiratory system. Inhalation of vapours in confined spaces may cause irritation to mucus membranes. People with asthma should avoid inhaling vapour from this product.

Health Effects: Chronic – None known.

Toxicity Data: Not available for mixture.

Data for main ingredients:

Sodium Metabisulphite: Oral LD50 (Ral) = 3200 mg/kg

(Note: This data is from published information.
 Karndean International does not carry out animal tests).

12: ECOLOGICAL INFORMATION

Ecotoxicity: -
 Persistence and degradability: -
 Mobility: -
 Advice : -

13: DISPOSAL CONSIDERATIONS

Place in a suitable, labelled container for waste disposal, refer to State Land Waste Management Authority.

14 TRANSPORT INFORMATION

UN No.: - not reg	Class: -	Packg.Group: -	Hazchem: -
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15: REGULATORY INFORMATION

Poisons Schedule Number: Not allocated.

16: OTHER INFORMATION

AICS Listing: All components of FLOTEX FIX-IT are listed on the Australian Inventory of Chemical Substances (AICS).

Abbreviations: N/K = Not Known
 TWA = Time Weighted Average
 STEL = Short Term Exposure Limit
 CAS = Chemical Abstracts Service

The information in this Data Sheet is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. Karndean International Pty Ltd accepts no tortious or contractual liability for any loss or damages suffered as a consequence of reliance on the information and advice contained herein.

End of MSDS.