

# KBS SEALANT

Chemwatch Material Safety Data Sheet

Issue Date: 2-Jan-2007

NA317EC

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## Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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### PRODUCT NAME

KBS SEALANT

### SYNONYMS

### PRODUCT USE

Material is mixed and used in accordance with manufacturers directions. Sealant for the protection of cables against spread of flame.

### SUPPLIER

Company: KBS Passive Fire Pty Ltd

Address:

PO Box 1502

Crows Nest

NSW, 1585

AUS

Telephone: +61 2 9969 7100

Fax: +61 2 9969 7200

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## Section 2 - HAZARDS IDENTIFICATION

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### STATEMENT OF HAZARDOUS NATURE

NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS. According to the Criteria of NOHSC, and the ADG Code.

### POISONS SCHEDULE

None

### RISK

None under normal operating conditions.

### SAFETY

None under normal operating conditions.

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## Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

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NAME	CAS RN	%
thermoplastic resins		
water	7732-18-5	

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## Section 4 - FIRST AID MEASURES

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### SWALLOWED

- Immediately give a glass of water.
- First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

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Section 4 - FIRST AID MEASURES

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### EYE

If this product comes in contact with the eyes:

- Wash out immediately with fresh running water.
- Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.
- If pain persists or recurs seek medical attention.
- Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

### SKIN

If skin contact occurs:

- Remove all contaminated clothing, including footwear
- Remove adhering sticky material using a waterless hand cleaner
- Flush skin and hair with soap and running water, repeating as required .
- In event of visible or subsequent irritation seek medical attention.

### INHALED

- If fumes or combustion products are inhaled remove from contaminated area.
- Other measures are usually unnecessary.

### NOTES TO PHYSICIAN

Treat symptomatically.

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## Section 5 - FIRE FIGHTING MEASURES

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### EXTINGUISHING MEDIA

- Foam.
- Dry chemical powder.
- BCF (where regulations permit).
- Carbon dioxide.
- Water spray or fog - Large fires only.

### FIRE FIGHTING

- Alert Fire Brigade and tell them location and nature of hazard.
- Wear breathing apparatus plus protective gloves for fire only.
- Prevent, by any means available, spillage from entering drains or water courses.
- Use fire fighting procedures suitable for surrounding area.
- 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.
- Equipment should be thoroughly decontaminated after use.

### FIRE/EXPLOSION HAZARD

- Non combustible.
- Not considered to be a significant fire risk.
- Expansion or decomposition on heating may lead to violent rupture of containers.
- Decomposes on heating and may produce toxic fumes of carbon monoxide (CO).
- May emit acrid smoke.

### FIRE INCOMPATIBILITY

Avoid contamination with strong oxidising agents as ignition may result.

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Section 5 - FIRE FIGHTING MEASURES

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HAZCHEM: None

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## Section 6 - ACCIDENTAL RELEASE MEASURES

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### EMERGENCY PROCEDURES

#### MINOR SPILLS

- Clean up all spills immediately.
- Avoid contact with skin and eyes.
- Wear impervious gloves and safety goggles.
- Trowel up/scrape up.
- Place spilled material in clean, dry, sealed container.
- Flush spill area with water.

#### MAJOR SPILLS

- Clear area of personnel.
- Alert Fire Brigade/Emergency Services and tell them location and nature of hazard.
- Control personal contact by using protective equipment.
- Prevent, by any means available, spillage from entering drains or watercourses.
- Remove all ignition sources.
- Contain spill if safe to do so.
- Scrape up recoverable product and label for recycling.
- Collect residues and place in labelled containers for disposal.
- Wash area with water and prevent run off into drains.
- Equipment should be thoroughly decontaminated after use.
- If contamination of drains or waterways occurs, advise Emergency Services.

Personal Protective Equipment advice is contained in Section 8 of the MSDS.

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## Section 7 - HANDLING AND STORAGE

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### PROCEDURE FOR HANDLING

- Limit all unnecessary personal contact.
- Wear protective clothing when risk of exposure occurs.
- Use in a well-ventilated area.
- When handling DO NOT eat, drink or smoke.
- Always wash hands with soap and water after handling.
- Avoid physical damage to containers.
- Use good occupational work practice.
- Observe manufacturer's storing and handling recommendations.

### SUITABLE CONTAINER

- Polyethylene or polypropylene container.
- Packing as recommended by manufacturer.
- Check all containers are clearly labelled and free from leaks.

### STORAGE INCOMPATIBILITY

Avoid storage with oxidisers.

### STORAGE REQUIREMENTS

- Store in original containers.

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Section 7 - HANDLING AND STORAGE

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- Keep containers securely sealed.
  - Store in a cool, dry, well-ventilated area.
  - Store away from incompatible materials and foodstuff containers.
  - Protect containers against physical damage and check regularly for leaks.
  - Observe manufacturer's storing and handling recommendations.
- Store between 5 and 30 deg. C.

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## Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

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### EXPOSURE CONTROLS

The following materials had no OELs on our records

- water: CAS:7732-18-5

### MATERIAL DATA

None assigned. Refer to individual constituents.

### INGREDIENT DATA

WATER:

No exposure limits set by NOHSC or ACGIH.

### PERSONAL PROTECTION

#### EYE

- Safety glasses with side shields; or as required,
- Chemical goggles.
- Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lens or restrictions on use, should be created for each workplace or task. This should include a review of lens absorption and adsorption for the class of chemicals in use and an account of injury experience. Medical and first-aid personnel should be trained in their removal and suitable equipment should be readily available. In the event of chemical exposure, begin eye irrigation immediately and remove contact lens as soon as practicable. Lens should be removed at the first signs of eye redness or irritation - lens should be removed in a clean environment only after workers have washed hands thoroughly. [CDC NIOSH Current Intelligence Bulletin 59].

#### HANDS/FEET

Polyethylene gloves.

Wear chemical protective gloves, eg. PVC.

Wear safety footwear.

DO NOT use solvent to clean the skin.

#### OTHER

- Overalls.
- Barrier cream
- Eyewash unit.
- Skin cleansing cream.

The local concentration of material, quantity and conditions of use determine the type of personal protective equipment required.

For further information consult site specific CHEMWATCH data (if available), or your

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Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

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Occupational Health and Safety Advisor.

## ENGINEERING CONTROLS

General exhaust is adequate under normal operating conditions. Local exhaust ventilation may be required in special circumstances. If risk of overexposure exists, wear approved respirator. Supplied-air type respirator may be required in special circumstances.

Correct fit is essential to ensure adequate protection. Provide adequate ventilation in warehouses and enclosed storage areas.

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## Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

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### APPEARANCE

White putty with a characteristic odour; mixes with water.

### PHYSICAL PROPERTIES

Mixes with water.

Molecular Weight: Not Applicable

Melting Range (°C): Not Available

Solubility in water (g/L): Miscible

pH (1% solution): Not Available

Volatile Component (%vol): Negligible

Relative Vapour Density (air=1): Not Available

Lower Explosive Limit (%): Not Applicable

Autoignition Temp (°C): Not Applicable

State: Non Slump Paste

Boiling Range (°C): Not Available

Specific Gravity (water=1): 1.50

pH (as supplied): 8 approx.

Vapour Pressure (kPa): Negligible

Evaporation Rate: Not Available

Flash Point (°C): Not Applicable

Upper Explosive Limit (%): Not Applicable

Decomposition Temp (°C): Not Available

Viscosity: Not Available

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## Section 10 - CHEMICAL STABILITY AND REACTIVITY INFORMATION

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### CONDITIONS CONTRIBUTING TO INSTABILITY

Product is considered stable and hazardous polymerisation will not occur.

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## Section 11 - TOXICOLOGICAL INFORMATION

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### POTENTIAL HEALTH EFFECTS

#### ACUTE HEALTH EFFECTS

##### SWALLOWED

Considered an unlikely route of entry in commercial/industrial environments.

The material is moderately discomforting to the gastro-intestinal tract and may be harmful if swallowed in large quantity.

##### EYE

Considered an unlikely route of entry in commercial/industrial environments.

The material is moderately discomforting to the eyes and is capable of causing a mild, temporary redness of the conjunctiva (similar to wind-burn), temporary impairment of vision and/ or other transient eye damage/ ulceration.

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Section 11 - TOXICOLOGICAL INFORMATION

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## SKIN

The material may be mildly discomforting to the skin.

Open cuts, abraded or irritated skin should not be exposed to this material.

## INHALED

Considered an unlikely route of entry in commercial/industrial environments.

The vapour is mildly discomforting to the upper respiratory tract.

## CHRONIC HEALTH EFFECTS

Principal routes of exposure are usually by skin contact/absorption.

As with any chemical product, contact with unprotected bare skin; inhalation of vapour, mist or dust in work place atmosphere; or ingestion in any form, should be avoided by observing good occupational work practice.

## TOXICITY AND IRRITATION

Not available. Refer to individual constituents.

## WATER:

No significant acute toxicological data identified in literature search.

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## Section 12 - ECOLOGICAL INFORMATION

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No data for KBS Sealant.

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## Section 13 - DISPOSAL CONSIDERATIONS

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- Recycle wherever possible or consult manufacturer for recycling options.
  - Consult State Land Waste Management Authority for disposal.
  - Material may be disposed of by controlled burning in an approved incinerator or buried in an approved landfill.
  - Prior to disposal in a landfill the material should be mixed with the other component and reacted to render the material inert.
  - Extreme caution should be taken when heating the resin/curing agent mix.
  - Recycle containers where possible, or dispose of in an authorised landfill.
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## Section 14 - TRANSPORTATION INFORMATION

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HAZCHEM: None

NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS:UN, IATA,  
IMDG

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## Section 15 - REGULATORY INFORMATION

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POISONS SCHEDULE: None

## REGULATIONS

water (CAS: 7732-18-5) is found on the following regulatory lists;

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Section 15 - REGULATORY INFORMATION

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Australia Inventory of Chemical Substances (AICS)

OECD Representative List of High Production Volume (HPV) Chemicals

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## Section 16 - OTHER INFORMATION

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### EXPOSURE STANDARD FOR MIXTURES

"Worst Case" computer-aided prediction of spray/ mist or fume/ dust components and concentration:

Composite Exposure Standard for Mixture (TWA) :100 mg/m<sup>3</sup>.

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