

KBS SEALBAGS

Chemwatch Material Safety Data Sheet

Issue Date: 2-Jan-2007

NA317EC

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Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME

KBS SEALBAGS

SYNONYMS

PRODUCT USE

Fire- rated penetration seals for grouped electrical cable and combustible and non-combustible pipes.

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

Section 2 - HAZARDS IDENTIFICATION

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.

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

NAME	CAS RN	%
Manufactured article comprising tightly woven, sealed fibreglass cloth bag containing mineral fibers, fire retardant additives and expansion agents		

Section 4 - FIRST AID MEASURES

SWALLOWED

Not considered a normal route of entry.

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Section 4 - FIRST AID MEASURES

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 loose fibres come in contact with the skin:

Gently brush off any adherent fibres.

Wash affected areas thoroughly with water (and soap if available).

Seek medical attention in event of irritation.

INHALED

- If dust is inhaled, remove from contaminated area.
- Encourage patient to blow nose to ensure clear passage of breathing.
- If irritation or discomfort persists seek medical attention.

NOTES TO PHYSICIAN

Treat symptomatically.

Section 5 - FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

There is no restriction on the type of extinguisher which may be used.

FIRE FIGHTING

Alert Fire Brigade and tell them location and nature of hazard.

Use fire fighting procedures suitable for surrounding area.

FIRE/EXPLOSION HAZARD

- Non combustible.
- Not considered a significant fire risk, however containers may burn.

FIRE INCOMPATIBILITY

None known.

HAZCHEM: None

Section 6 - ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURES

MINOR SPILLS

- Clean up all spills immediately.
- Avoid breathing dust and contact with skin and eyes.
- Wear protective clothing, gloves, safety glasses and dust respirator.
- Use dry clean up procedures and avoid generating dust.
- Sweep up, shovel up or
- Vacuum up (consider explosion-proof machines designed to be grounded during storage and

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Section 6 - ACCIDENTAL RELEASE MEASURES

use).

- Place spilled material in clean, dry, sealable, labelled container.

MAJOR SPILLS

- Clear area of personnel and move upwind.
- Alert Fire Brigade and tell them location and nature of hazard.
- Control personal contact by using protective equipment and dust respirator.
- Prevent spillage from entering drains, sewers or water courses.
- Recover product wherever possible. Avoid generating dust.
- Sweep / shovel up.
- If required, wet with water to prevent dusting.
- Put residues in labelled plastic bags or other containers for disposal.
- Wash area down with large quantity of water and prevent runoff into drains.
- If contamination of drains or waterways occurs, advise emergency services.

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

Section 7 - HANDLING AND STORAGE

PROCEDURE FOR HANDLING

Use good occupational work practice. Observe manufacturer's storing and handling recommendations.

Atmosphere should be regularly checked as agreed (negotiated) to ensure safe working conditions are maintained.

Avoid all personal contact, including inhalation, when Sealbags are damaged.

Wear appropriate protective clothing when risk of exposure occurs.

Use in a well-ventilated area.

Avoid contact with incompatible materials.

When handling, DO NOT eat, drink or smoke.

Avoid physical damage to Sealbags.

Wash hands with soap and water after handling.

Protective clothing requires regular laundering if exposed to glass fibres.

Work clothes should be laundered separately: NOT at home.

SUITABLE CONTAINER

Plastic bag

NOTE: Bags should be stacked, blocked, interlocked, and limited in height so that they are stable and secure against sliding or collapse.

STORAGE INCOMPATIBILITY

None known.

STORAGE REQUIREMENTS

- Keep dry.
- Store under cover.
- Protect containers against physical damage.
- Observe manufacturer's storing and handling recommendations.

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Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE CONTROLS

MATERIAL DATA

For fiber part of bag contents

REL TWA: 0.5 fibres/ml (man-made mineral fibres)

PERSONAL PROTECTION

EYE

- Safety glasses with side shields
- 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

Impervious gloves.

Cotton gloves.

Safety footwear.

OTHER

None under normal operating conditions.

When there is any physical damage to Sealbags, take the following precautions:

Wear loose fitting protective clothing, overalls, long sleeve shirts.

Protective clothing requires regular laundering depending on exposure.

Vacuum cleaners should be provided for fibre removal where practicable, or use wet cleaning methods to minimise dust generation.

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

Occupational Health and Safety Advisor.

ENGINEERING CONTROLS

General exhaust is adequate under normal operating conditions.

When there is any physical damage to Sealbags, take the following precautions:

If measured respirable fibre is >0.5 fibre/ml wear approved dust respirator.

Correct respirator fit is essential to obtain adequate protection.

Even though the recommended limit for respirable fibre is not exceeded in normal conditions, respiratory protection may be necessary for large fibres and other dust.

Use a Class M or H respirator, where exposure is above recommended limit.

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Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Unprotected persons must not remain in the application area.
In very dusty conditions and confined spaces greater comfort may be afforded by a full-face powered air-purifying respirator.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Light grey coloured mixture of mineral wool and water- insoluble additives filled in pale gold coloured bags made from glass fibre fabric. No odour. Insoluble in water.
Agglutination (adhesion) of bulk material occurs above 100 deg C.

PHYSICAL PROPERTIES

Does not mix with water.
Floats on water.

Molecular Weight: Not Applicable
Melting Range (°C): Not Available
Solubility in water (g/L): Immiscible
pH (1% solution): Not Applicable
Volatile Component (%vol): Not Applicable
Relative Vapour Density (air=1): Not Available
Lower Explosive Limit (%): Not Applicable
Autoignition Temp (°C): Not Applicable
State: Manufactured

Boiling Range (°C): Not Applicable
Specific Gravity (water=1): 0.3
pH (as supplied): Not Applicable
Vapour Pressure (kPa): Not Applicable
Evaporation Rate: Not Applicable
Flash Point (°C): Not Applicable
Upper Explosive Limit (%): Not Applicable
Decomposition Temp (°C): >100
Viscosity: Not Applicable

Section 10 - CHEMICAL STABILITY AND REACTIVITY INFORMATION

CONDITIONS CONTRIBUTING TO INSTABILITY

Product is considered stable.
Stable under normal storage conditions.
Hazardous polymerisation will not occur.

Section 11 - TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS

ACUTE HEALTH EFFECTS

SWALLOWED

Not normally a hazard due to physical form of product.

EYE

Not normally a hazard due to physical form of product.
Generated dust may be discomforting.

SKIN

Not normally a hazard due to physical form of product.

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Section 11 - TOXICOLOGICAL INFORMATION

INHALED

Not normally a hazard due to physical form of product.

Generated dust may be discomforting.

CHRONIC HEALTH EFFECTS

Primary route of exposure is usually by skin contact.

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

None assigned.

unless otherwise specified data extracted from RTECS - Register of Toxic Effects of Chemical Substances

Section 12 - ECOLOGICAL INFORMATION

DO NOT discharge into sewer or waterways.

Section 13 - DISPOSAL CONSIDERATIONS

Recycle wherever possible.

Consult manufacturer for recycling options.

Consult State Land Waste Management Authority for disposal.

Bury residue in an authorised landfill.

Section 14 - TRANSPORTATION INFORMATION

HAZCHEM: None

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

Section 15 - REGULATORY INFORMATION

POISONS SCHEDULE: None

Section 16 - OTHER INFORMATION

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