

# KBS SEALBAGS

Chemwatch Independent Material Safety Data Sheet

Issue Date: 1-Mar-2010

NC317ECP

CHEMWATCH 15981

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## Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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### PRODUCT NAME

KBS SEALBAGS

### PRODUCT USE

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

### SUPPLIER

Company: Antec Engineering

Address:

9 Chicago Avenue

Blacktown

NSW, 2148

AUS

Telephone: +61 2 9622 9622

Fax: +61 2 9622 9199

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## Section 2 - HAZARDS IDENTIFICATION

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### STATEMENT OF HAZARDOUS NATURE

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

### POISONS SCHEDULE

None

### RISK

•None under normal operating conditions.

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## Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

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

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## Section 4 - FIRST AID MEASURES

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### SWALLOWED

■ - Not considered a normal route of entry.

### 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.

- Seek medical attention without delay; if pain persists or recurs seek medical attention.

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Section 4 - FIRST AID MEASURES

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- 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.

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## Section 5 - FIRE FIGHTING MEASURES

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### 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

### PERSONAL PROTECTION

Glasses:

Chemical goggles.

Gloves:

Cotton.

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## Section 6 - ACCIDENTAL RELEASE MEASURES

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### 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 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.

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## Section 6 - ACCIDENTAL RELEASE MEASURES

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- 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.**

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## Section 7 - HANDLING AND STORAGE

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### 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

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### EXPOSURE CONTROLS

#### MATERIAL DATA

KBS SEALBAGS:

For fiber part of bag contents

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

#### PERSONAL PROTECTION

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## Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

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### 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.

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.

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## Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

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### 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.

State

Manufactured

Molecular Weight

Not Applicable

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## Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Melting Range (°C)	Not Available	Viscosity	Not Applicable
Boiling Range (°C)	Not Applicable	Solubility in water (g/L)	Immiscible
Flash Point (°C)	Not Applicable	pH (1% solution)	Not Applicable
Decomposition Temp (°C)	>100	pH (as supplied)	Not Applicable
Autoignition Temp (°C)	Not Applicable	Vapour Pressure (kPa)	Not Applicable
Upper Explosive Limit (%)	Not Applicable	Specific Gravity (water=1)	0.3
Lower Explosive Limit (%)	Not Applicable	Relative Vapour Density (air=1)	Not Available
Volatile Component (%vol)	Not Applicable	Evaporation Rate	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.

*For incompatible materials - refer to Section 7 - Handling and Storage.*

## 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.

##### 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

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

None assigned.

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## Section 12 - ECOLOGICAL INFORMATION

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KBS SEALBAGS:

- DO NOT discharge into sewer or waterways.

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## Section 13 - DISPOSAL CONSIDERATIONS

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- Recycle wherever possible.  
Consult manufacturer for recycling options.  
Consult State Land Waste Management Authority for disposal.  
Bury residue in an authorised landfill.

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## Section 14 - TRANSPORTATION INFORMATION

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HAZCHEM:

- None (ADG7)

NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS: ADG7, UN, IATA, IMDG

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## Section 15 - REGULATORY INFORMATION

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POISONS SCHEDULE

None

REGULATIONS

No data for KBS Sealbags (CW: 15981)

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## Section 16 - OTHER INFORMATION

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- Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.

A list of reference resources used to assist the committee may be found at:  
[www.chemwatch.net/references](http://www.chemwatch.net/references).

- The (M)SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

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Section 16 - OTHER INFORMATION

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*This is the end of the MSDS.*