

MATERIAL SAFETY DATA SHEET

Sealex 5000

June 2008

SUPPLIER:

Sealex Industries
PH 1300 555 955
5 Balook drive
Beresfield NSW 2323

IDENTIFICATION:

MANUFACTURERS PRODUCT CODE: SAC10 Sealex 5000

U.N. Number:	None Allocated
Dangerous Goods Class & Subsidiary Risk:	None Allocated
Hazchem Code:	None Allocated
Poisons Schedule Number:	None Allocated

PHYSICAL DESCRIPTION/PROPERTIES

Appearance:	Clear liquid
Boiling point:	110c
Vapour pressure:	Negligible
Specific gravity:	1.1
Flashpoint:	None
Flammability limits:	Not Flammable
Solubility in water:	Not Applicable

OTHER PROPERTIES

Stability:	Stable
Conditions to avoid:	Strong Acid
Incompatibilities:	Strong Acids
PH at standard concentration:	12.1
Volatile organic compounds:	Nil
Odour:	None

INGREDIENTS

SEALEX 5000 is a sodium silicate and contains no hazardous ingredients. The formulation is commercially confidential.

HEALTH HAZARD INFORMATION

The subject product is applied with an atomising spray apparatus. Spray mist inhalation should be kept to a minimum.

In applying the product to existing concrete surfaces, it is possible that dust blown up from the surface may contain toxic particles; use of a particle mask during application is essential.

Some breathing discomfort may be experienced in extremely closed areas due to normal air components becoming temporarily disproportioned by the spray mist. Since the product is non-toxic, this spray mist is not hazardous to health.

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HEALTH EFFECTS

Acute:

Swallowed:

Not classified as toxic or corrosive to Worksafe criteria

Alkaline nature may cause irritation, vomiting and diarrhoea

Eyes:

Minor eye irritation

Skin:

Minor skin irritation

Inhaled:

May trigger a cough in high vapour concentrations, but not hazardous

Chronic:

Chronic effects are unlikely to occur. Sealex 5000 has been in use for 30 years in the USA with no reported long-term effects

FIRST AID

Swallowed:

Drink plenty of water, followed by citrus juice. Seek medical attention if nausea or vomiting develops

Eyes:

Flush with water for 15 minutes, lifting the upper and lower eyelids occasionally. Seek medical attention should redness persist

Skin:

Flood with fresh water first, then with soap and water and follow up by applying an emollient cream

Inhalation:

Leave the building where spraying is in progress and breathe fresh air until symptoms subside

Advice to Doctor:

Treat symptomatically

PRECAUTIONS FOR USE

Exposure limits:

Not determined

Engineering controls:

Keep containers closed when not in use

PERSONAL PROTECTION

Eyes:

Use safety goggles when working overhead

Skin:

Use gloves when handling the product, if repeated contact is likely. It is recommended that clothing protection for arms and legs is used during application.

Inhalation:

Use a disposable particle mask at all times when applying

General:

Eye washing facilities should be nearby and ready for use

FLAMMABILITY

Fire hazard:

The product poses no flammability hazards

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SAFE HANDLING INFORMATION

Storage and Transport

Storage:

Store away from incompatible materials, ie; strong acids. Other special precautions not required

Transport:

Apart from its alkalinity and need to avoid contact with strong acids the product needs no special precautions during transport, except to avoid packing near sharp objects which may puncture container

Spills and Disposal

Spills:

The product is non-toxic and environmentally friendly and does not pose any known threat to the environment. Any spills should be flushed with plenty of water before the product dries. (OK for sewers)

Disposal:

If still wet treat as above, however if dry grind or scrape up as much as possible for disposal in rubbish bins and flush the area with plenty of water.

Fire & Explosive Hazard

There are no fire or explosive hazards with this product as it is neither combustible or flammable.

Other information

The product has been tested for toxicity and has been found to be non-toxic, but is not recommended for ingestion.

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