

Material Safety Data Sheet

Sika MonoTop[®]-610



HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

COMPANY DETAILS

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IDENTIFICATION

PRODUCT NAME:	Sika MonoTop [®] -610
OTHER NAMES:	None
MANUFACTURER'S PRODUCT CODE:	None
U.N. NUMBER:	None assigned
DANGEROUS GOODS CLASS:	None assigned
HAZCHEM CODE:	None assigned
POISONS SCHEDULE NUMBER:	6
USE:	1 component Portland cement polymer modified bonding bridge to steel and concrete.

PHYSICAL DESCRIPTION/PROPERTIES:

APPEARANCE:	A grey cement coloured free flowing powder with fine aggregate to <1mm diameter.
BOILING POINT / MELTING POINT:	Not relevant
VAPOUR PRESSURE:	Not relevant
BULK DENSITY OF DRY POWDER:	~ 1.2Kg /L
FLASH POINT:	Not relevant
FLAMMABILITY LIMITS:	Not relevant
VAPOUR PRESSURE:	Not relevant
SOLUBILITY IN WATER:	Approximately 1g per litre

ADVICE NOTE:

The information contained in this Material Safety Data Sheet corresponds to our best knowledge at the time of publication. Each user should read the MSDS and Technical Data Sheet prior to handling and use.

This product is sold subject to our latest standard terms and conditions.

OTHER PROPERTIES

pH (VISCIOUS SLURRY WITH WATER): 12 to 14
IGNITION TEMPERATURE: > 350°C

INGREDIENTS:

<i>Chemical Name:</i>	<i>CAS Number:</i>	<i>Proportion:</i>
Portland Cement	659971-15-1	30 – 60 %
Silica	14808-60-7	< 10 %
Silica Fume	69012-64-2	< 10 %
Sodium nitrite	7632-00-0	< 10 %
Non hazardous ingredients	-	to 100%

HEALTH HAZARD INFORMATION

HEALTH EFFECTS:

Acute:

Swallowed: Harmful if swallowed.

Eye: Mild irritant due to caustic nature of all cement based products.

Skin: Prolonged exposure will cause drying of skin and possible dermatitis.

Inhaled: Irritating to nose, throat and respiratory system causing coughing and sneezing.

Chronic:

Swallowed: Not applicable

Eye: Not applicable

Skin: Repeated skin contact with cement in wet concrete, mortars and slurries has been associated with irritant dermatitis and allergic (contact) dermatitis.

Inhalation: Repeated inhalation of dust containing respirable crystalline silica can cause bronchitis, silicosis (scarring of the lung) and lung cancer. It may also increase the risk of scleroderma. Caution should therefore be exercised to minimise dust inhalation

FIRST AID:

Swallowed: If swallowed do NOT induce vomiting. Contact a doctor or Poison Information Centre.

Eye: Irrigate eye with copious quantities of water for at least 15 minutes. Seek medical attention if irritation persists.

Skin: Wash affected areas with soap and water. Seek medical advice if irritation continues.

Inhaled: If dust is inhaled. Remove from contaminated area. Seek medical attention if irritations occurs.

ADVICE TO DOCTOR:

Treat symptomatically.

PRECAUTIONS FOR USE

EXPOSURE LIMITS:

Silica Fume	2mg/m ³	TWA
Crystalline Silica as quartz powder	0.2mg/m ³	TWA

Total inspirable dust 10mg/m³ TWA

This product contains crystalline silica as a component of Portland cement. In June 1997, crystalline silica was re-evaluated by IARC "Crystalline silica inhaled in the form of quartz or cristobalite from occupational sources is carcinogenic to humans (Group 1)". This class includes those substances which have possible carcinogen effects on humans.

Cigarette smoking increases the risk of occupational respiratory diseases. It is recommended that all storage and work areas should be smoke-free zones.

ENGINEERING CONTROLS:

Ventilation must be adequate to ensure that the working environment is below the TWA value.

PERSONAL PROTECTION:

Rubber or plastic gloves and safety glasses are recommended to minimise any skin or eye contact. If used in poorly ventilated or very confined spaces a Standard disposable dust mask or a respiratory protection mask fitted with a type P filter should be used that complies with AS 1716 Respiratory Devices and used in accordance with AS 1715 which describes use and maintenance.

Do not store or consume food, drink or tobacco in an area where they may become contaminated with this material. Wash thoroughly before eating, smoking, applying cosmetics etc. Thoroughly launder work clothes before reuse.

SAFE HANDLING INFORMATION

STORAGE & TRANSPORT:

Store in cool, dry conditions.

SPILLS & DISPOSAL:

Minor spills - clean up all spills immediately.

Use dry clean up procedure and avoid generating dusts.

If exposure to workplace dust is not controlled, respirators fitted with Type P filter will be required by those in the area. Vacuum up or sweep up.

Major spills - Minor hazard - clear area of personnel and move upwind. Use dry clean up procedure. Avoid generating dust.

If inhalation risk of exposure exists, wear approved dust respirator fitted with Type P filter.

Sweep up excess and mix with a limited amount of water to produce a slightly flowable mortar and allow to set for 24 hours. Dispose of at an approved waste disposal site.

FIRE/EXPLOSION HAZARD:

None.

OTHER INFORMATION:

Crystalline silica dust derived from the use of this product could be inadvertently inhaled during the dry cutting or sanding of the cured material.

Risk phrases:

R22 Harmful if swallowed.
R36 Irritating to eyes.

Safety phrases:

S2 Keep out of reach of children.
S4/25 Avoid contact with skin and eyes.
S37/39 Wear suitable gloves and eye/face protection.
S38 In case of insufficient ventilation, wear suitable respiratory equipment.

CONTACT POINT:

Responsible Care Co-ordinator or Laboratory Manager
(02) 9725 1145 (AUS)

Operations Manager (09) 828 7002 or (09) 820 1432 (NZ)