

Material Safety Data Sheet

SikaGrout[®] Backfill



HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

COMPANY DETAILS

COMPANY: Sika Australia Pty. Limited A.C.N. 001 342 329
Sika New Zealand Limited

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IDENTIFICATION

PRODUCT NAME: SikaGrout[®] Backfill

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: None assigned

USE: Portland cement based shrinkage compensated flowable grout for grouting machine base plates and other voids in buildings and civil structures.

PHYSICAL DESCRIPTION/PROPERTIES:

APPEARANCE: A grey cement coloured free flowing powder

BOILING POINT / MELTING POINT: Not relevant

VAPOUR PRESSURE: Not relevant

BULK DENSITY OF DRY POWDER: ~ 1.0Kg / L

FLASH POINT: Not relevant

FLAMMABILITY LIMITS: Not relevant

SOLUBILITY IN WATER: Negligible

OTHER PROPERTIES

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.

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 fume	-	10 – 30 %
Non-hazardous ingredients	-	to 100%

HEALTH HAZARD INFORMATION

HEALTH EFFECTS:

Swallowed:	Mild irritant due to caustic nature of all cement based products.
Eye:	Mild irritant due to caustic nature of all cement based products.
Skin:	Prolonged exposure will cause drying of skin and possible dermatitis.
Inhaled:	As with all products containing silica sands, caution should be exercised to minimise dust inhalation. Irritant nuisance dust.

FIRST AID:

Swallowed:	Do not induce vomiting and seek immediate medical attention if irritation persists. Drink water to remove from mouth and throat.
Eye:	Irrigate eye with copious quantities of water for 10-15 minutes. Seek medical attention if irritation persists.
Skin:	Wash affected areas with soap and water. Seek medical advice if irritation continues.
Inhaled:	As with any product containing cement, irritation can occur. Seek medical attention if irritation occurs.

ADVICE TO DOCTOR:

Treat symptomatically.

PRECAUTIONS FOR USE

EXPOSURE LIMITS:

Portland cement	10mg/m ³	TWA
Silica Fume	2mg/m ³	TWA

ENGINEERING CONTROLS:

Local ventilation not normally necessary but should be considered if used in poorly ventilated or very confined spaces.

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 P1 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:	No restrictions. Store in dry location.
SPILLS & DISPOSAL:	Sweep up excess and dispose of at an approved waste disposal site. After mixing with a limited amount of water to produce a flowable mortar and having allowed it to set for 24 hours.
FIRE/EXPLOSION HAZARD:	SikaGrout Backfill is a Class "A" grout and when wet in an underground mine can liberate small quantities of hydrogen gas which may present an explosion risk.
OTHER INFORMATION:	
Risk Phrases:	R36/37/38 Irritating to eyes, respiratory system and skin R20/48 Harmful: danger of serious damage to health by prolonged exposure through inhalation
Safety Phrases:	S22 Do not breathe dust S24/25 Avoid contact with skin and eyes S37/39 Wear suitable gloves and eye/face protection
CONTACT POINT:	Responsible Care Co-ordinator or Operations Manager (02) 9725 1145 (AUS) Operations Manager (09) 828 7002 or (09) 820 1432 (NZ)