

Material Safety Data Sheet

SikaGrout[®] 212FS



HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

COMPANY DETAILS

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

ADDRESS: 55 Elizabeth Street, Wetherill Park, NSW 2164 (AUS)
85-91 Patiki Road, Avondale, Auckland (NZ)

TELEPHONE: (02) 9725 1145 (AUS)
(09) 828 7002 (NZ)

EMERGENCY TELEPHONE NO.: (02) 9757 5634 or (02) 9757 5625 (AUS)
0800 734 607 (NZ)

EMERGENCY AFTER HOURS: 1 800 033 111 (AUS)
0800 734 607(NZ)

FAX NUMBER: (02) 9725 3330 (AUS)
(09) 828 4091 (NZ)

IDENTIFICATION

PRODUCT NAME:	SikaGrout [®] 212FS
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 with aggregate to 2mm diameter.
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

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	65971-15-1	30 – 60 %
Silica sand	14808-60-7	30 – 60 %
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	Worksafe
Silica Fume	2 mg/m ³	TWA	Worksafe
Crystalline Silica	0.2mg/m ³	TWA	Worksafe
Total inspirable dust	10mg/m ³	TWA	Worksafe

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 212FS 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 Laboratory Manager (02) 9725 1145 (AUS) Operations Manager (09) 828 7002 or (09) 820 1432 (NZ)