

Material Safety Data Sheet

CAVEX

COMPANY DETAILS

COMPANY: Sika (NZ) Ltd
ADDRESS: 85-91 Patiki Road, Avondale, Auckland
TELEPHONE: (09) 828 7002
EMERGENCY AFTER HOURS: 0800 734 607
FAX NUMBER: (09) 828 4091

IDENTIFICATION

PRODUCT NAME:	Cavex
OTHER NAMES:	None
MANUFACTURER'S PRODUCT CODE:	None
U.N. NUMBER:	1396
DANGEROUS GOODS CLASS AND SUBSIDIARY RISK:	4.3
HAZCHEM CODE:	4Y
POISONS SCHEDULE NUMBER:	
USE:	Expansive Admixture for Concrete

PHYSICAL DESCRIPTION / PROPERTIES:

APPEARANCE:	Silver Sticky Powder
BOILING POINT / MELTING POINT:	Not known
VAPOUR PRESSURE:	Not known
SPECIFIC GRAVITY:	1.0
FLASHPOINT:	60°C
EXPLOSION LIMITS:	Lower limit 0.8 - 0.9% Higher Limit 6%
IGNITION TEMPERATURE	226 - 260°C
SOLUBILITY IN WATER:	Hazardous with water

ADVICE NOTE:

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the Technical Data Sheet prior to any use and processing.

OTHER PROPERTIES:

INGREDIENTS:

<i>Chemical Name:</i>	<i>CAS Number:</i>	<i>Proportion:</i>
Silica Sand	N/A	20 - 30%
Sodium Carbonate	497-19-8	30 - 40%
Sodium Gluconate	527-07-1	5 - 10%
Mineral Oil		1 - 3%
White Spirit	8052-41-3	3 - 5%
Aluminium Powder (uncoated)	7429-90-5	5 - 15%

HEALTH HAZARD INFORMATION

HEALTH EFFECTS:

Acute:

- Swallowed: Considered an unlikely event. Material will be irritating to the gastrointestinal tract if swallowed.
- Eye: The material may be irritating and abrasive to the eyes.
- Skin: Mildly irritating. Prolonged exposure may cause sensitisation, which may accentuate any pre-existing dermatitic condition.
- Inhaled: The vapour from the material may be irritating to the upper respiratory tract.

Chronic:

Principal routes of exposure are by skin contact. Prolonged or repeated skin contact may cause drying with cracking, irritation and dermatitis may follow.

FIRST AID:

- Swallowed: If poisoning occurs, seek medical attention. If swallowed, do not induce vomiting. Give a glass of water.
- Eye: Hold eyes open. Flood with water for at least 15 minutes. See a doctor.
- Skin: Remove contaminated clothing. Wash affected skin area with soap and water. Do not use solvents.
- Inhaled: Remove to fresh air.
- First Aid Facilities: Eye wash station. Showering facility.

ADVICE TO DOCTOR:

No specific antidote. Treat Symptomatically.

PRECAUTIONS FOR USE

- EXPOSURE STANDARDS: TLV 100ppm, 525 mg/m³
STEL None established
Avoid exceeding the exposure limits by use of ventilation. Follow good working practice; handle with care, avoid ingestion, inhalation, eye or skin contact. Do not smoke while using this product.
- ENGINEERING CONTROLS: Wherever possible, the workplace must be ventilated sufficiently that exposure limits are met.
- PERSONAL PROTECTION: Do not smoke or consume food, drink or tobacco in an area where they may become contaminated.
- FLAMMABILITY: Product is flammable. Potentially explosive gas, hydrogen is given off in contact with water. Avoid contact with water.

SAFE HANDLING INFORMATION

- STORAGE & TRANSPORT: Inflammable: Class 3
Dangerous when wet: Class 4.3
Packing Group: II
UN Number: 1396
Correct Shipping Name: Aluminium Powder (Uncoated)
Air transport not permitted
- SPILLS & DISPOSAL: In case of spills, spilt material should be absorbed with **dry** media, such as sand, which can be put into appropriately labelled drums.
- FIRE / EXPLOSION HAZARD: Explosive gas, Hydrogen, given off with direct contact with water.
Potentially explosive when heated.
- OTHER INFORMATION:
- CONTACT POINT: Operations Manager (09) 828 7002 or (09) 820 1432.