



1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND SUPPLIER

PRODUCT NAME: CONCRETE HARDNER
RECOMMENDED USE: SURFACE HARDNER AND DUST-PROOFER
SUPPLIER: CEMIX LIMITED
ADDRESS: 19 ALFRED STREET ONEHUNGA, AUCKLAND, NEW ZEALAND.
TELEPHONE: 64 9 636 1000
FACSIMILE: 64 9 636 0000
EMERGENCY CONTACT: 0800 ASK CEMIX

2. HAZARDS IDENTIFICATION

HAZARD CATEGORY: IRRITANT
RISK PHRASES
R22- HARMFULL IF SWALLOWED
R38- IRRITATING TO SKIN
R 41- RISK OF SERIOUS DAMAGE TO THE EYES

SAFETY PHRASES
S24- AVOID CONTACT WITH SKIN
S 25 -AVOID CONTACT WITH EYES
S36- WEAR SUITABLE PROTECTIVE CLOTHING
S37- WEAR SUITABLE GLOVES
S39- WEAR EYE / FACE PROTECTION.

CLASS: NOT APPLICABLE
SUBSIDIARY RISK: NOT APPLICABLE
PACKING GROUP: NOT APPLICABLE
POISON SCHEDULE: NOT APPLICABLE

3. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL IDENTITY	CAS NUMBER	PROPOTION
SODIUM SILICATE	1344-09-8	35 - 40%
WATER	7732-18-5	60 - 65 %
NONE HAZARDOUS INGREDIENTS:	-	< 0.01 %

4. FIRST AID

INGESTION : IF SWALLOWED AND PATIENT IS CONSCIOUS, WASH OUT MOUTH THOROUGHLY WITH WATER. DO NOT INDUCE VOMITING. DO NOT GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PATIENT. SEEK MEDICAL ATTENTION IF IRRITATION OR DISCOMFORT OCCURS.

EYE : IMMEDIATELY FLUSH WITH FRESH WATER FOR AT LEAST 15 MINUTES. ENSURE ADEQUATE FLUSHING BY SEPARATING EYELIDS WITH FINGERS. SEEK IMMEDIATE MEDICAL ATTENTION IF IRRITATION CONTINUES.

The above info is based on our best knowledge and we believe it to be true and correct. However due to the variable nature of application, the suitability of the product for the use intended is the sole responsibility of the user

CEMIX LIMITED 19 Alfred Street Onehunga, Auckland, New Zealand.

Tel: 09-636-1000. Fax: 09-636-0000. Helpline: 0800 ASK CEMIX. Email: info@cemix.co.nz Website: www.cemix.co.nz

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SKIN : WASH THOROUGHLY WITH SOAPY WATER AND RINSE WITH FRESH WATER. REMOVE CONTAMINATED CLOTHING AND FOOTWEAR AND WASH BEFORE REUSE OR STORAGE. SEEK MEDICAL ATTENTION IF IRRITATION OR DISCOMFORT OCCURS.

FIRST AID FACILITIES : EYEWASH AND SAFETY SHOWER SHOULD BE AVAILABLE IN WORKPLACE.

ADVICE TO DOCTOR : TREAT SYMPTOMATICALLY.

5. FIRE FIGHTING MEASURES

FIRE/EXPLOSION HAZARD: PRODUCT ITSELF IS NOT FLAMMABLE.

EXTINGUISHING MEDIA : WATER SPRAY, DRY CHEMICAL, CARBON DIOXIDE OR APPROPRIATE FOAM ACCORDING TO SURROUNDING FIRE.

6. ACCIDENTAL RELEASE MEASURES

SPILLS AND DISPOSAL : CONTAIN SPILLAGE AND AVOID ENTRY INTO DRAINS AND WATERWAYS. CLEAN UP WITH ABSORBENT MEDIA. WASH REMNANTS WITH WATER. COLLECT SPILLAGE INTO APPROPRIATELY LABELED CONTAINERS FOR STORAGE AWAITING REUSE.

7. HANDLING AND STORAGE

SAFE HANDLING INFORMATION : ENSURE ALL CONTAINERS ARE SEALED WHEN NOT IN USE. STORE IN A COOL, DRY AREA.

PRECAUTIONS FOR USE : ONLY TO BE USED AS PER RECOMMENDED USE.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

EYE PROTECTION REQUIREMENTS:

WEAR CHEMICAL SPLASH GOGGLES OR FACE SHIELDS TO PREVENT CONTACT WITH EYES.

SKIN PROTECTION REQUIREMENTS:

WEAR CHEMICAL RESISTANT GLOVES, OVERALLS AND RESPIRATOR AS NECESSARY TO PREVENT CONTACT

WITH SKIN. WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING.

REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE.

ADDITIONAL PROTECTIVE MEASURES:

EMERGENCY SHOWERS AND EYE WASH SOLUTIONS SHOULD BE IMMEDIATELY AVAILABLE.

HANDLERS SHOULD WASH THEIR HANDS AND FACE BEFORE EATING, DRINKING OR USING TOBACCO PRODUCTS. WASH ANY CONTAMINATED CLOTHING OR PROTECTIVE EQUIPMENT BEFORE REUSE OR STORAGE

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE : CLEAR VISCOUS LIQUID.

SPECIFIC GRAVITY : APPROX. 1.2

VAPOUR PRESSURE : NOT APPLICABLE

pH: 11.0 -11.5

BOILING POINT : NOT APPLICABLE

MELTING POINT : NOT APPLICABLE

SOLUBILITY : MISCIBLE

FLASH POINT : NOT APPLICABLE

FLAMMABILITY LIMITS : NOT FLAMMABLE

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10. STABILITY AND REACTIVITY

STABILITY / POLYMERISATION: STABLE UNDER NORMAL STORAGE CONDITIONS.

INCOMPATIBLE MATERIALS : NO PARTICULAR ISSUES.

11. TOXICOLOGICAL INFORMATION

NO ADVERSE HEALTH EFFECTS ARE EXPECTED IF THE PRODUCT IS HANDLED IN ACCORDANCE WITH THIS MATERIAL SAFETY DATA SHEET AND THE PRODUCT LABEL. SYMPTOMS THAT MAY ARISE IF THE PRODUCT IS MISHANDLED ARE-

ACUTE EFFECTS:

INGESTION : SWALLOWING THIS MATERIAL MAY CAUSE ABDOMINAL DISCOMFORT.

EYE : IRRITATING TO THE EYES AND MECHANICAL DAMAGE MAY OCCUR.

SKIN : MAY CAUSE SKIN IRRITATION WITH PROLONGED CONTACT.

12. ECOLOGICAL INFORMATION

DO NOT ALLOW TO ENTER WASTE WATER DRAIN, WATERWAYS OR SOIL.

13. DISPOSAL CONSIDERATIONS

DISPOSE OF THE PRODUCT AS PER LOCAL GOVERNMENT REGULATIONS.

ENSURE CONTAINERS ARE EFFECTIVELY CLEANED OF PRODUCT AND DISPOSED OF ACCORDING TO LOCAL AUTHORITY REQUIREMENTS.

14. TRANSPORT INFORMATION

IS NOT CLASSIFIED AS A DANGEROUS GOOD FOR TRANSPORT BY ROAD AND RAIL.

15. REGULATORY INFORMATION

HSNO CLASSIFICATIONS:

6.1D(ORAL) – ACUTELY TOXIC

8.2C – CORROSIVE TO SKIN

8.3A – CORROSIVE TO THE EYE

16. OTHER INFORMATION

DATE OF PREPARATION : 10 MARCH 2009

REVISION NUMBER : 2

REASON FOR ISSUE : NEW MSDS THIS DATA SHEET AND THE HEALTH, SAFETY AND ENVIRONMENTAL INFORMATION IT CONTAINS HAS BEEN PREPARED BY CEMIX LTD ACCORDING TO CURRENT REGULATORY REQUIREMENTS AS AT DATE OF ISSUE. THE PRECAUTIONS AND ADVICE PROVIDED MAY NOT BE ACCURATE FOR ALL INDIVIDUALS AND/OR SITUATIONS. IT IS THE USER'S OBLIGATION TO EVALUATE AND USE THIS PRODUCT SAFELY AND COMPLY WITH ALL APPLICABLE LEGISLATION.

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