



## 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND SUPPLIER

PRODUCT NAME: ACRYLBOND  
RECOMMENDED USE: ADDITIVE TO CONCRETE / MORTAR  
SUPPLIER: CEMIX LIMITED  
ADDRESS: 19 ALFRED STREET ONEHUNGA, AUCKLAND, NEW ZEALAND.  
TELEPHONE: 64 9 636 1000  
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## 2. HAZARDS IDENTIFICATION

### RISK PHRASES

R22- HARMFUL 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	PROPORTION
STYRENE ACRYLIC COPOLYMER		75-80 %
WATER	7732-18-5	20-25 %

## 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** 15 Alfred Street Onehunga, Auckland, New Zealand.

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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.

**INHALATION NOT APPLICABLE**

**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.

DURING FIRE SMOKE MAY CONTAIN ORIGINAL MATERIAL AND TOXIC IRRITATING COMBUSTION PRODUCTS OF VARIOUS COMPOSITION INCLUDING CO AND CO<sub>2</sub>.

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

**DECOMPOSITION PRODUCTS:** COMBUSTION PRODUCTS MAY INCLUDE DUST.

#### 6. ACCIDENTAL RELEASE MEASURES

**SPILLS AND DISPOSAL:** SPILLS MAY BE SLIPPERY AND SHOULD BE CLEANED IMMEDIATELY.

IN CASE OF A SPILL OR LEAKAGE SOAK UP WITH ABSORBENT MATERIAL SUCH AS SAND, SAW DUST ETC.

ENSURE PROTECTIVE OVERALLS, GLOVES AND SAFETY GOGGLES ARE WORN BY CLEANUP PERSONNEL. CONTAIN SPILLAGE AND AVOID ENTRY INTO DRAINS AND WATERWAYS. COLLECT SPILLAGE INTO APPROPRIATELY LABELED CONTAINERS FOR STORAGE AWAITING REUSE OR DISPOSAL VIA THE LOCAL WASTE FACILITY AS PER THE REQUIREMENTS OF GOVERNMENT LEGISLATION. THOROUGHLY WASH THE SPILLAGE AREA WITH WATER TO COMPLETE.

#### 7. HANDLING AND TRANSPORT

**SAFE HANDLING:** ENSURE ALL CONTAINERS ARE PROPERLY LABELLED AND CLOSED WHEN NOT IN USE.

**INFORMATION STORE IN A COOL, DRY AND WELL VENTILATED AREA.**

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

#### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

**EXPOSURE STANDARDS:** NOT DETERMINED.

**PERSONAL PROTECTION:** WEAR FULL OVERALLS, GLOVES AND SAFETY GOGGLES WHEN HANDLING THE PRODUCT. AVOID SKIN AND EYE CONTACT AS WELL AS INHALATION. ALWAYS

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WASH HANDS BEFORE EATING, DRINKING, SMOKING OR USING THE TOILET. WASH ANY CONTAMINATED CLOTHING OR PROTECTIVE EQUIPMENT BEFORE REUSE OR STORAGE

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** MILKY WHITE.

**SPECIFIC GRAVITY:** APPROX. 1.02 – 1.03

**PH** 6 -8

**VAPOUR PRESSURE:** NOT APPLICABLE

**BOILING POINT:** NOT APPLICABLE

**MELTING POINT:** NOT APPLICABLE

**SOLUBILITY:** NOT APPLICABLE

**FLASH POINT:** NOT APPLICABLE

**FLAMMABILITY LIMITS:** NOT FLAMMABLE

#### 10. STABILITY

**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 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.

**TOXICOLOGY:** NO PRODUCT SPECIFIC DATA AVAILABLE.

#### 13. DISPOSAL CONSIDERATIONS

DISPOSE OF THE PRODUCT AS PER LOCAL GOVERNMENT REGULATIONS. ENSURE CONTAINERS ARE EFFECTIVELY CLEARED OF PRODUCT AND DISPOSED OF ACCORDING TO LOCAL AUTHORITY REQUIREMENTS.

**14. TRANSPORT INFORMATION** IS NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE AUSTRALIAN DANGEROUS GOODS CODE (ADG CODE) FOR TRANSPORT BY ROAD AND RAIL.

**UN NUMBER:** NOT APPLICABLE

**PROPER SHIPPING NAME:** NOT APPLICABLE

**CLASS:** NOT APPLICABLE

**SUBSIDIARY RISK:** NOT APPLICABLE

**PACKING GROUP:** NOT APPLICABLE

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**Material Safety Data Sheet  
ACRYLBOND**

**HAZCHEM CODE:** NOT APPLICABLE  
**SEGREGATION DANGEROUS GOODS:** NOT APPLICABLE

**15. REGULATORY INFORMATION**

**POISON SCHEDULE:** NOT SCHEDULED

**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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