



# CEMPLUS

ACRYLIC WATER RESISTANT MODIFIER AND BONDING AGENT FOR CONCRETE, MORTAR, PLASTER, REPAIRS AND FLOOR TOPPINGS.

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

**PRODUCT NAME:**  
CEMPLUS

**RECOMMENDED USE**  
CONCRETE & MORTAR PLASTICISER

**SUPPLIER:**  
CEMIX LIMITED

**ADDRESS**  
19 ALFRED STREET ONEHUNGA,  
AUCKLAND, NEW ZEALAND.

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0800 ASK CEMIX

## 2. HAZARDS IDENTIFICATION

**HAZARD CATEGORY:** IRRITANT

### RISK PHRASES

**R36** - IRRITATING TO EYES

**R38** - IRRITATING TO SKIN

**R52** - HARMFUL TO AQUATIC ORGANISMS

### SAFETY PHRASES

**S24** - AVOID CONTACT WITH SKIN

**S25** - 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	57516-68-4	10 - 15%
WATER	7732-18-5	20 - 25%
SOAP BLEND	-	4 - 5%
RESIDUAL MONOMERS	-	< 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.

### 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.

### EXTINGUISHING MEDIA:

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



7. HANDLING & 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.

9. PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE:	WHITE LIQUID
SPECIFIC GRAVITY:	APPROX 1.0 - 1.02
VAPOUR PRESSURE:	NOT APPLICABLE
PH	7.5 - 8.0
BOILING POINT:	APPROX 100°C
MELTING POINT:	NOT APPLICABLE
SOLUBILITY:	NOT APPLICABLE
FLASH POINT:	NOT APPLICABLE
FLAMMIBILITY LIMITS:	NOT FLAMMABLE

**UN NUMBER:** NOT APPLICABLE  
**PROPER SHIPPING NAME:** NOT APPLICABLE  
**CLASS:** NOT APPLICABLE  
**SUBSIDIARY RISK:** NOT APPLICABLE  
**PACKAGING GROUP:** NOT APPLICABLE  
**HAZCHEM CODE:** NOT APPLICABLE  
**SEGREGATION DANGEROUS GOODS:** NOT APPLICABLE

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.

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.

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

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

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 CLEARED OF PRODUCT AND DISPOSED OF ACCORDING TO LOCAL AUTHORITY REQUIREMENTS.

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

**HSNO CLASSIFICATIONS:**  
**6.1E(ORAL)** – ACUTELY TOXIC  
**6.3A** – IRRITATING TO THE SKIN  
**6.4A** – IRRITATING TO THE EYE  
**9.1D** – SLIGHTLY HARMFUL IN THE AQUATIC ENVIRONMENT