



SAFETY DATA SHEET

Page 1 of 7

SECTION 1: Product and Company Identification

PRODUCT: AC 3301 ACRYLBOND

PRODUCT DESCRIPTION: Preparation / Mixture

PRODUCT USE: As a bonding agent between new to old concrete, new to new concrete, and integrally as an additive to the cement mixture.

DISTRIBUTED BY: WALLACE CONSTRUCTION SPECIALTIES LTD
825 MacKay Street
Regina, Sask
Canada, S4N 2S3
306-569-2334

EMERGENCY CONTACT: CANUTEC 613-996-6666

REVISION DATE: 12/14/2016

SECTION 2: Hazards Identification

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

This product is NOT considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). Not a dangerous substance or mixture according to the Globally Harmonized System (GHS).

LABEL ELEMENTS

Hazard pictograms.
Signal word.
Hazard statements.
Precautionary statements.

OTHER HAZARDS

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)
Not applicable.

UNKNOWN ACUTE TOXICITY

0% of the mixture consists of ingredient(s) of unknown toxicity.

SECTION 3: Composition/Information on Ingredients

COMPONENTS	CAS #	% BY WEIGHT
Water	7732-18-5	70 – 75
Acrylic Polymers	Not hazardous	25 - 30

SECTION 4: First Aid Measures

DESCRIPTION OF FIRST AID MEASURES

EYE CONTACT: Immediately flush eyes with plenty of cool water for at least 20 minutes, occasionally lifting the eye lids to ensure thorough rinsing. Get medical attention if irritation persists.

SKIN CONTACT:	Wash thoroughly with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. In the case of skin irritation or allergic reactions see a physician immediately.
INHALATION:	Move to fresh air in case of accidental inhalation of vapors. If continued difficulty with breathing is experienced, get immediate medical attention.
INGESTION:	If swallowed, do not induce vomiting. Get immediate medical attention. Never give anything by mouth to an unconscious person.

MOST IMPORTANT SYMPTOMS AND EFFECTS (ACUTE & DELAYED)

SYMPTOMS:	No information available.
INHALATION:	May cause respiratory tract irritation.
SELF-PROTECTION OF THE FIRST AIDER:	Pay attention to self-protection.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:
Immediately seek medical advice or attention if symptoms are significant or persist.

NOTES TO PHYSICIAN: Treat symptomatically.

SECTION 5: Fire Fighting Measures

EXTINGUISHING MEDIA

SUITABLE EXTINGUISHING MEDIA: Us alcohol resistant foam, carbon dioxide, dry chemical, or water fog or spray when fighting fires involving this product.

UNSUITABLE EXTINGUISHING MEDIA: No information available.

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE/MIXTURE

ADVICE FOR FIRE-FIGHTER: As in any fire, wear self-contained breathing apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.

FURTHER INFORMATION: Dispose of fire debris and contaminated extinguishing water in accordance with official regulations. Product itself is non-combustible, fire extinguishing method of surrounding areas must be considered.

SECTION 6: Accidental Release Measures

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Evacuate the area and keep unnecessary and unprotected personnel from entering the spill area. Use proper personal protective equipment as listed in Section 8.

ENVIRONMENTAL PRECAUTIONS: Avoid runoff into storm sewers, ditches and waterways.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

METHODS FOR CONTAINMENT: Handle in accordance with good industrial hygiene and safety practices. Do not eat, drink, or smoke while handling this product. Wash thoroughly after handling. Avoid breathing vapors/mists generated by this product. Use in a well-ventilated location.

METHODS FOR CLEAN UP:

Clean up spills immediately observing precautions in the protective equipment section. Place into a suitable container for disposal. Provide ventilation. After removal, flush spill area with soap and water to remove trace residue.

SECTION 7: Handling and Storage

PRECAUTIONS FOR SAFE HANDLING:

Contain spills with an inert absorbent material such as soil or sands. Prevent from spreading by covering, diking or other means. Provide adequate ventilation.

CONDITIONS FOR SAFE STORAGE:

Store in a cool, dry, well ventilated area away from sources of heat, combustible materials, and incompatible substances. Keep container tightly closed when not in use. Do not store container in direct sunlight or above 38°C (100°F).

INCOMPATIBLE PRODUCTS:

None known based on the information supplied.

SPECIFIC END USE(S):

No information available.

SECTION 8: Exposure Controls / Personal Protection

CONTROL PARAMETERS:

Country specific exposure limits have not been established or are not applicable unless listed below.

COMPONENTS	ACGIH TLV	OSHA PEL	NIOSH REL

EXPOSURE CONTROLS**APPROPRIATE ENGINEERING CONTROL:**

Use appropriate engineering controls such as process enclosures, local exhaust ventilation or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of the personal protective equipment.

**PERSONAL PROTECTIVE EQUIPMENT
EYE/FACE PROTECTION:**

Wear appropriate protective glasses or splash goggles as described by 20 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166.

SKIN/BODY PROTECTION:

Chemical-resistant gloves and chemical goggles, face-shield and synthetic apron or coveralls should be used to prevent contact with eyes, skin, or clothing.

RESPIRATORY PROTECTION:

A NIOSH approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

OTHER PROTECTION: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

GENERAL HYGIENE CONSIDERATIONS: Handle in accordance with good industrial hygiene and safety practices.

ENVIRONMENTAL EXPOSURE CONTROLS: Avoid release to the environment.

SECTION 9: Physical and Chemical Properties

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

	PRODUCT CRITERIA
PHYSICAL STATE	Liquid
APPEARANCE – COLOR	Milky white
ODOR	Slight
ODOR THRESHOLD	No data available
pH	8 – 9
MELTING POINT/FREEZING POINT	< 0°C
INITIAL BOILING POINT / BOILING RANGE	>100°C
FLASH POINT	No data available
EVAPORATION RATE	No data available
FLAMMABILITY (SOLID/GAS)	No data available
UPPER/LOWER FLAMMABILITY	No data available
VAPOR PRESSURE	No data available
VAPOR DENSITY (AIR=1)	No data available
SPECIFIC GRAVITY (@ 25°C)	1.02
SOLUBILITY	Soluble in water
PARTITION COEFFICIENT: n-octanol/water	
AUTO IGNITION TEMPERATURE	No data available
DECOMPOSITION TEMPERATURE	No data available
VISCOSITY	No data available
EXPLOSIVE PROPERTIES	No data available
OXIDISING PROPERTIES	No data available

OTHER INFORMATION: VOC 0 g/L.

SECTION 10: Stability and Reactivity

REACTIVITY: No dangerous reactions are known under conditions of normal use.

CHEMICAL STABILITY: Stable under recommended storage and handling conditions.

POSSIBLY OF HAZARDOUS REACTIONS: No dangerous reactions known under conditions of normal use.

CONDITIONS TO AVOID: Heat, flames, incompatible materials and freezing or temperatures below 0°C (32°F).

INCOMPATIBILITY (MATERIALS TO AVOID): Metal salts.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, carbon monoxide, hydrocarbons.

SECTION 11: Toxicological Information

INFORMATION ON TOXICOLOGICAL EFFECTS: This product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

GHS REQUIRED CRITERIA	TOXICITY CRITERIA	TOXICITY INFORMATION	COMMENTS	CHEMICAL CONSTITUENTS
Acute Toxicity	LD50 (Oral/Rat)	>2000 – 10000 mg/kg		Acrylic Polymers
	LC50 (Inhalation/Rat)	>5 mg/L 6 hrs (mist)		
	LD50 (Dermal/Rat)	>5000 mg/kg		
Skin Corrosion / Irritation	Not classified			
Serious Eye Damage/ Eye Irritation	Not classified			
Respiratory or Skin Sensitization	Not classified			
Germ Cell Mutagenicity	No evidence of mutagenic effects			
Carcinogenicity	Not classified			
Reproductive Toxicity	No evidence of reproductive effects			
STOT – Single Exposure	No specific target organ toxicity to be expected			
STOT – Repeated Exposure	No adverse effects were observed			
Aspiration Hazard	Not classified			

SECTION 12: Ecological Information

ECOTOXICITY: This material may be toxic to aquatic organisms and should be kept out of sewage and drainage systems and all bodies of water. The environmental impact of this product has not been fully investigated.

ECOTOXICITY DATA

Ecotoxicity	Chemical Name	
	Acrylic Polymers	
Toxicity to algae	EC50 / 72 hrs	>100 mg/L (<i>Scenedesmus Subspicatus</i>)
	NOEC / 96 hrs or 72 hrs	-
	M Factor	-
Toxicity to fish	LC50 / 96 hrs	>100 mg/L (<i>Brachydanio Rerio</i>)
	NOEC / 21 days	-
	M Factor	-
Toxicity to Daphnia	EC50 / 48 hrs	>100 mg/L (<i>Daphnia Magna</i>)
	NOEC / 21 days	-
	M Factor	-

PERSISTENCE / DEGRADABILITY: No further relevant information available.

MOBILITY IN SOIL: No further relevant information available.

BIOACCUMULATIVE POTENTIAL:

Product/Ingredient Name	Log P _{ow}	BCF	Potential

OTHER ADVERSE EFFECTS:

No further relevant information available.

SECTION 13: Disposal Considerations**WASTE DISPOSAL:**

Dispose of waste according to local, state / provincial, and federal requirements. Do not discharge into drains / surface waters / ground water.

CONTAMINATED MATERIALS:

Disposal must be made in accordance with local, state and federal regulations.

CONTAINER DISPOSAL:

Disposal must be made in accordance with local, state and federal regulations.

RECOMMENDED CLEANING AGENT:

Water, if necessary with cleaning agents.

SECTION 14: Transportation Information**DOT:** Not regulated as a hazardous material for transport.**TDG:** Not regulated as a hazardous material for transport.**IATA:** Not regulated as a hazardous material for transport.**IMDG:** Not regulated as a hazardous material for transport.**SECTION 15: Regulatory Information**

HMIS RATING	NFPA RATING
Health – 1	Health - 1
Flammability – 0	Flammability – 0
Physical Hazards – 0	Instability – 0
Personal Protection – X	Special -

SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS / LEGISLATIONS SPECIFIC FOR THE CHEMICAL**CANADA****WHMIS CLASSIFICATION:**

This document complies with the WHMIS requirements of the Hazardous Products Act (HPA) and the CPR.

US FEDERAL INFORMATION**SARA 302/311/312/313:**

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302, 311, 312, or 313.

RCRA:	Not classified as a hazardous substance under the Resource Conservation and Recovery Act, or its regulations, 40 CFR .261.
CERCLA:	Not classified as a hazardous substance under regulations of the Comprehensive Environmental Response Compensation and Liability Act (CERCLA), 40 CFR .302.
EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT (SARA TITLE III):	Not an extremely hazardous substance under Section 302 and is not a toxic chemical subject to the requirements of Section 313.
NTP:	Not classified.
OSHA CARINOGEN:	Not listed.
STATE RIGHT TO KNOW LAWS:	California Prop. 65 Components WARNING: This product does not contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
GLOBAL INVENTORIES:	DSL: All components of this product are on the Canadian DSL list. TSCA NO: All constituents are listed in the TSCA inventory.
SECTION 16: Other Information	
PREPARED BY:	Joey Wang
REVISION DATE:	12/14/2016

The information contained herein is based on the data available to us and is believed to be correct. However, we make no warranty, expressed or implied regarding the accuracy of the data or the results to be obtained from the use thereof. We assume no responsibility for injury from the use of this product described herein.
