

I. PRODUCT IDENTIFICATION

PRODUCT NAME: Latex Bonding Admixture
PRODUCT USE: Concrete Bonding Admixture and Bonding Agent
WHMIS CLASSIFICATION: Not Regulated
TDG SHIPPING NAME: Not Regulated

EMERGENCY RESPONSE TELEPHONE NUMBER: CANUTEC (613) 996-6666

II. HAZARDOUS INGREDIENTS

PRODUCT	CAS #	WT. %	TLV-TWA	LD ₅₀
Acrylic Copolymer	Mixture	20-80	Undetermined	N/D
Styrene-Acrylic Copolymer	Mixture	5-20	Undetermined	N/D
Ammonia	7664-41-7	<0.02	25 ppm	LC ₅₀ 2000 ppm (Rat Inhalation)
Propylene Glycol	57-55-6	<0.1	N/A	20 g/Kg (rat-oral)

III. PHYSICAL DATA

ODOUR AND APPEARANCE: White Liquid, slight characteristic ammonia odour
PHYSICAL STATE: Liquid
SPECIFIC GRAVITY: 1.03
pH: 7.5 - 8.5
BOILING POINT: ~100°C
FREEZING POINT: ~0°C

N/D = No Data N/A = Not Available or Not Applicable

PAGE 2 - MATERIAL SAFETY DATA SHEET
Latex Bonding Admixture

IV. FIRE OR EXPLOSION HAZARD

FLAMMABILITY: Non-Flammable

MEANS OF EXTINCTION: Water Fog X, Foam X, CO₂ X, Dry Chemical X, Other ___.

FLASH POINT AND METHOD: over 200°F PMCC

FLAMMABLE LIMIT:

UPPER: N/A

LOWER: N/A

V. REACTIVITY DATA

CHEMICAL STABILITY: Stable

INCOMPATIBILITY WITH OTHER SUBSTANCES: Strong oxidizers, Metal salts will coagulate product.
Acid ___, Base ___, Oxidizers X, Water ___, Other ___.

CONDITIONS OF REACTIVITY: Avoid temperatures above 177°C, the onset of polymer decomposition. Thermal decomposition is dependent on time and temperature.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may yield polymer monomers.

VI. TOXICOLOGICAL PROPERTIES

EFFECTS OF OVEREXPOSURE:

INGESTION: May be harmful if swallowed.

INHALATION: Inhalation of vapour or mist may cause headaches, nausea, irritation of nose, throat, and lungs.

SKIN CONTACT AND ABSORPTION: Prolonged or repeated skin contact can cause skin irritation.

EYE CONTACT: Direct contact with material can cause irritation.

OTHER CHRONIC EFFECTS OF OVEREXPOSURE: Although the concentration of ammonia is low, the high vapour pressure of ammonia makes it possible to exceed the TLV/PEL in the drum head or other confined areas. The liberation of ammonia may be retarded because of chemical neutralization in the product.

CARCINOGENICITY: None

TERATOGENICITY: N/A

MUTAGENICITY: N/A

REPRODUCTIVE TOXICITY: N/A

PAGE 3 - MATERIAL SAFETY DATA SHEET
Latex Bonding Admixture

VII. FIRST AID MEASURES

EMERGENCY FIRST AID MEASURES:

EYE CONTACT: Flush eyes with a large amount of water for at least 15 minutes. Consult a physician if irritation persists.

SKIN CONTACT: Wash affected skin areas thoroughly with soap and water. Consult a physician if irritation develops.

INGESTION: If swallowed, give 2 glasses of water to drink. Consult a physician. Never give anything by mouth to an unconscious person.

INHALATION: Move person to fresh air. Consult a physician if irritation persists.

VIII. PREVENTIVE MEASURES

RESPIRATORY: Spray Application: Air-purifying respirators should be equipped with organic vapour cartridges.

EYE: Use chemical splash goggles.

SKIN PROTECTION: Neoprene gloves are recommended.

VENTILATION: Use adequate local exhaust ventilation to keep work area below TLV.

LEAK AND SPILL PROCEDURES: Contain spill with inert absorbent material. Wash area down with water.

WASTE DISPOSAL: Dispose of product in accordance with local, provincial and federal regulations.

HANDLING PROCEDURES AND EQUIPMENT: Avoid inhalation of vapours and personal contact with the product. Use good personal hygiene practice.

STORAGE REQUIREMENTS: Keep from freezing, material may coagulate. Store below 50°C.

IX. PREPARATION INFORMATION

PREPARED BY: Technical Service Department

DATE: December 7, 2011

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