

PRODUCT: CONCENTRATED BONDING AGENT

SECTION 1: MATERIAL IDENTIFICATION AND USE

TDG CLASSIFICATION ..... Not regulated  
UN NUMBER ..... Not applicable  
PACKING GROUP ..... Not applicable  
WHMIS CLASSIFICATION ..... Not applicable  
CHEMICAL FORMULA ..... Not applicable  
CHEMICAL FAMILY ..... Styrene-Butadiene Latex Emulsion  
MOLECULAR WEIGHT ..... Not applicable  
MATERIAL USE ..... Bonding agent

SECTION 2: HAZARDOUS INGREDIENTS

The following component data is defined in accordance with subparagraph 13(a) (i) to (iv) or paragraph 14 (a) of the Hazardous Products Act. No raw materials in this product are required to be listed as defined by the Hazardous Products Act.

SECTION 3: PHYSICAL DATA

APPEARANCE ..... Milky white liquid  
ODOUR ..... Faint ammonia odour  
FREEZING POINT (°C) ..... Not applicable  
BOILING POINT (°C) ..... 100°C  
VAPOUR PRESSURE ( mm HG) ..... Not applicable  
VAPOUR DENSITY (air=1) ..... > 1.0  
PERCENT VOLATILE ..... 64-66%  
EVAPORATION RATE (nBuAc=1) ..... Not applicable  
pH ..... 11.0 @ 20°C  
SPECIFIC GRAVITY (water=1) ..... 1.010 @ 20°C (approx.)  
COEFF. OF WATER/OIL DISTRIBUTION ..... Not applicable  
SOLUBILITY IN WATER ..... Infinite dilution (approx.)

SECTION 4: FIRE AND EXPLOSION DATA

FLAMMABILITY ..... Not applicable  
EXTINGUISHING MEDIA ..... Not applicable  
FIRE and EXPLOSION HAZARDS ..... None. Non-combustible  
FLASHPOINT (°C) and METHOD ..... Not applicable  
AUTO-IGNITION TEMPERATURE (°C) ..... Not applicable  
FIRE FIGHTING EQUIPMENT ..... Wear goggles and positive pressure, self contained breathing apparatus.

SECTION 5: REACTIVITY DATA

CHEMICAL STABILITY ..... Stable under normal storage conditions  
INCOMPATIBILITY ..... None  
HAZARDOUS DECOMPOSITION PRODUCTS ..... Under severe thermal degradation, low molecular weight organic compounds will be formed.

## SECTION 6: TOXICOLOGICAL EFFECTS

### ROUTES OF ENTRY:

INGESTION .....	May cause stomach pain.
SKIN CONTACT .....	Prolonged exposure may cause skin irritation.
EYE CONTACT .....	Vapours may irritate eyes.
INHALATION .....	May cause irritation of nose and throat.

## SECTION 7: PREVENTIVE MEASURES

### PERSONAL PROTECTIVE EQUIPMENT:

GLOVES.....	Chemical rated gloves.
RESPIRATOR .....	NIOSH-MESA approved respirator.
EYE .....	Wear chemical goggles.
CLOTHING .....	Long sleeve shirt, trousers.

LEAK and SPILL PROCEDURES .....	Soak up spills in material such as sand and collect in suitable containers. Residual resin may be removed using steam or hot soapy water. For large spills, evacuate upwind of spills and contain dike.
WASTE DISPOSAL .....	Place residue into appropriate containers and dispose of in accordance with all Federal, Provincial and Municipal Regulations. Do not flush product into storm sewers, sanitary sewers or water courses.
HANDLING PROCEDURES and EQUIPMENT .....	Keep containers closed when not in use. Handle and open containers with care.
STORAGE REQUIREMENTS .....	Store under normal warehouse conditions. <b>DO NOT ALLOW PRODUCT TO FREEZE.</b> This product is an emulsion therefore freezing could coagulate the emulsion and rupture the container.

## SECTION 8: FIRST AID MEASURES

EYE CONTACT.....	Irrigate with flowing water immediately and continuously for 15 minutes. Consult medical professional.
SKIN CONTACT .....	Remove contaminated clothing. Wash off in flowing water and soap or shower.
INGESTION.....	Do not induce vomiting. Call a physician and/or transport to emergency facility.
INHALATION .....	Remove to fresh air. If breathing is difficult oxygen may be given. Seek medical attention.
SOURCES USED.....	Raw materials, supplier's data sheets.
ADDITIONAL INFORMATION.....	<b>NOTE TO PHYSICIAN:</b> The decision of whether to induce vomiting or not should be made by the attending physician. Danger from lung aspiration must be weighed against toxicity when considering emptying the stomach. No specific antidote. Supportive care. Treatment based on judgement of the physician in response to the reactions of the patient.

## SECTION 9: PREPARATION DATE OF SDS

ORIGINAL PREPARATION BY ..... LINO TATONE  
DATE..... JANUARY 01, 2018

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**SECTION 7: PREVENTIVE MEASURES**