

SECTION I MATERIAL IDENTIFICATION

TRADE NAME: Liquid Rubber ToughDip

MATERIAL USE: Protective Coating

EMERGENCY TEL #: 1-855-592-1049

CHEMICAL FAMILY: Styrene acrylic-vinyl acetate co-polymer emulsion.

T.D.G. CLASSIFICATION: NON REGULATED

WHIMIS CLASSIFICATION: NON REGULATED

SECTION II COMPOSITION, INFORMATION ON INGREDIENTS

COMPONENT CAST% (BY MASS)

			LC50 (ppm)(rat inhal)	LD50 (mg/kg) (rat oral)
None - Not a W.H.M.I.S. Controlled Product			N/A	N/A

SECTION III PHYSICAL PROPERTIES

Odour and appearance: Milky white with slight odor - Odour threshold: n/a - Specific gravity: 1.09 (approx.) Coefficient of water/oil distribution: n/a - Vapour pressure (mm Hg): n/a - Boiling point: 100°C (water) - Freezing point: 0°C pH: 4.-5.4 - Vapour density (air = 1): >1 - Evaporation rate: slow - Volatiles %: 45% by weight - Solubility in water: Dilutable

SECTION IV FIRE & EXPLOSION DATA

Flammability (yes or no): NO, If yes under what conditions?. n/a. Means of extinction: For dried solids use water, foam, CO₂, or dry chemical fire fighting apparatus. Special procedures: NON FLAMMABLE IN WET STATE. Use water to keep containers cool. Closed containers may rupture due to the build-up of steam pressure. Wear self contained breathing apparatus and full protective gear. Flash point (C) & method: n/a. Upper explosion limit: n/a. Lower explosion limit: n/a Autoignition temperature (C): n/a. Hazardous combustion products: CO, CO₂. Sensitivity to mechanical impact: NO. Sensitivity to static discharge: NO

SECTION V REACTIVITY DATA

Chemical stability: YES - Incompatible materials: YES, with strong acids and metal hydrides. Reactivity and under what conditions: Do not store in aluminum containers or mix with aluminum implements. Hazardous decomposition products: CO, CO₂, Oxides of Nitrogen

SECTION VI TOXICOLOGICAL PROPERTIES

Skin contact: YES. Eye contact: YES. Ingestion: YES. Skin absorption: NO. Inhalation acute: YES. Inhalation chronic: NO. Effects of acute exposure to material: This product may be an eye irritant and may cause skin irritation upon prolonged and repeated contact. Effects of chronic exposure to material: n/a. LD50 of material (specify species and route) n/a see section 2. LC50 of material (specify species and route) n/a see section 2. Exposure limits: not established. Irritancy of material: not established. Sensitization of material: N/AV Synergistic materials: N/AV. Carcinogenicity, reproductive effects, teratogenicity, mutagenicity: None expected.

SECTION VII SPILL PROCEDURES

Absorb with inert material (sand, vermiculite, etc.). Sweep or scoop up and put in disposal container. Flush area with plenty of water. Prevent drainings from entering sewers, waterways, and other unauthorized treatment/drainage systems. Waste disposal: Dispose of in accordance with local, provincial, and federal regulations.

EMERGENCY AND FIRST AID PROCEDURES

Inhalation: No first aid normally required, however seek medical advice if any unusual symptoms develop Skin: Wash with soap and water after removing contaminated clothing Eyes: Flush thoroughly with fresh water for at least fifteen minutes. Seek medical attention. Ingestion: Drink two or three cups of milk, fruit juice or water. No other first aid is normally required.

SECTION VIII SPECIAL PROTECTION

Gloves (specify type): Plastic or impervious material. Eye (specify type): Goggles. Respiratory (specify): Not normally required if ventilation is adequate. Other: PROTECTIVE CLOTHING IS ADVISED AS GOOD CHEMICAL HANDLING PRACTICE. Engineering controls (e.g. ventilation, enclosed process); specify: Provide adequate ventilation.

SECTION IX SPECIAL PRECAUTIONS

W.H.M.I.S. Classification: Non-controlled ALL INGREDIENTS IN THIS PRODUCT ARE LISTED ON THE CANADIAN DOMESTIC SUBSTANCES LIST (DSL) AND THE U.S. TOXIC SUBSTANCES CONTROL ACT LIST (TSCA). Since empty containers of this material may be hazardous due to residual vapours, liquid etc., label warnings must be followed when handling the empty containers. Residual monomer vapours can evolve when this product is heated during processing operations. In such cases use local exhaust ventilation with a minimum capture velocity of 30 m/min. at this point of monomer evolution. Storage requirements: Store in a cool place. Keep from freezing. Special shipping information: KEEP FROM FREEZING.

Prepared by: Liquid Rubber Worldwide Inc. - Preparation date: 12-Jan-2013

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