



MSDS-54
January 2009

MATERIAL SAFETY DATA SHEET

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PRODUCT: CPD LATEX ADHESIVE

SECTION 01: PRODUCT INFORMATION

Manufacturer: CPD Construction Products
219 Connie Crescent # 13
Concord, Ontario L4K 1L4

Product Identifier: CPD Latex Adhesive

Application & Use: Additive to concrete, grout and mortar to improve overall physical properties. Also used as an adhesive to bond concrete and grout overlays to concrete, steel and wood substrates. This product is generally applied by direct addition with water to the hydraulic cement mix.

Product Description: Styrene-Butadiene Latex Emulsion.

Regulatory Classification

WHMIS Information: Not controlled.

Transportation of Dangerous Goods Information: Not regulated.

EMERGENCY TELEPHONE NUMBERS:

CANUTEC: (613) 996-6666

SECTION 02: HAZARDOUS INGREDIENTS

The following component data is defined in accordance with sub-paragraph 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 03: PHYSICAL DATA

Physical State: Liquid	Evaporation Rate (n-Butylacetate=1) < 1.0
Specific Gravity: 1.00 @ 20°C (approx.)	% Volatile: 70-72%
Vapour Pressure: Not applicable (Same as water)	Coefficient Water/Oil Distribution: Not applicable
Solubility in Water: Infinite dilution	PH: 11.0 @ 20°C
Boiling Point: 100°C (approx.)	Odour: Faint ammonia odour
Freezing/Melting Point: 0°C (Approx.)	Appearance: Milky white liquid
Viscosity: 5-10 cps @ 20°C (Approx.)	
Vapour Density (AIR=1): > 1.0	

SECTION 04: TOXICOLOGICAL PROPERTIES

NATURE OF HAZARD

INHALATION: Excessive exposure to vapours or mists may cause irritation of eyes, nose and throat.

EYE CONTACT: This product may be an eye irritant.

SKIN CONTACT: This product may cause defatting and irritation of skin upon prolonged or repeated exposure.

INGESTION: Stomach pain may result. No other information available on effects of ingestion.

OCCUPATIONAL EXPOSURE LIMIT: No limit established.



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SECTION 05: FIRST AID MEASURES

INHALATION: Remove victim to fresh air. If irritation persists consult a physician.

EYE CONTACT: Immediately flush eyes with water for at least 15 minutes holding open eyelids. Since this product is an emulsion a film may form on eyes if coagulation occurs. In all cases seek medical attention.

SKIN CONTACT: Wash with water. Use mild soap if available. If irritation persists seek medical attention.

INGESTION: Contact a physician immediately.

SECTION 06: PREVENTIVE MEASURES

PERSONAL PROTECTION: Where prolonged and/or repeated skin and eye contact is likely to occur, wear safety glasses with side shields, PVC or neoprene full length gloves and full work coveralls as the minimum protection. If mist is generated during application the appropriate full face respirator should be worn by workmen. Portable eye wash stations should be made available at all jobs sites.

ENGINEERING CONTROLS: Not necessary for outdoor jobs or indoor jobs unless ventilation is extremely poor. For confined areas with poor ventilation power ventilation may be required.

HANDLING, STORAGE AND SHIPPING: Keep containers closed when not in use. Handle and open containers with care. Store under normal warehouse conditions. **DO NOT ALLOW PRODUCT TO FREEZE.** This product is an emulsion therefore freezing could coagulated the emulsion and rupture the container.

SPILL CONTROL AND DISPOSAL: For small spills flush area with water before emulsion dries. For large spills contain with sand or earth. Add sodium or calcium chloride to coagulated the spilled product. Place residue into appropriate containers and dispose of in accordance with all Federal, Provincial and municipal regulations. Do not flush spilled product into storm sewers, sanitary sewers or water courses. After clean up of the spill area the remaining latex may be flushed with water before it dries.

SECTION 07: FIRE AND EXPLOSION DATA

Flashpoint and Method: Not applicable.

Auto ignition Temperature: Not applicable.

Flammability Limits: Not applicable.

GENERAL HAZARDS: None. Non-combustible product as supplied, however if water is boiled off in a fire the resin solids will burn generating toxic gases.

FIRE FIGHTING: Not applicable.

HAZARDOUS COMBUSTION PRODUCTS: Not applicable

SECTION 08: REACTIVITY DATA

GENERAL HAZARDS: This product is stable and hazardous polymerization will not occur.

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID: None.

HAZARDOUS DECOMPOSITION: Under severe thermal degradation, low molecular weight organic compounds will be formed.

SECTION 09: PREPARATION

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