



MSDS-55  
January 2009

**MATERIAL SAFETY DATA SHEET**

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**PRODUCT: CPD LATEX MODIFIER 1186**

**SECTION 01: PRODUCT INFORMATION**

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

**Product Identifier:** CPD Latex Modifier 1186

**Application & Use:** Latex additive for bridge deck concrete overlays. This product is also used as an adhesive for overlays as well as a latex additive for gunite applications.

**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	Vapour Density (AIR=1): > 1.0
Specific Gravity: 1.014 @ 20°C	Evaporation Rate (n-Butylacetate=1) < 1.0
Vapour Pressure: Not applicable	% Volatile: 52-54%
Solubility in Water: Infinite dilution	Coefficient Water/Oil Distribution: Not applicable
Boiling Point: 100°C (approx.)	PH: 11.0 @ 20°C
Freezing/Melting Point: 0°C (Approx.)	Odour: Faint ammonia odour
Viscosity: 50 cps @ 20°C (Approx.)	Appearance: Milky white liquid

**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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