

**SDS-56**  
**Revised October 8<sup>th</sup>, 2017**

**SAFETY DATA SHEET**

**SECTION 1: IDENTIFICATION**

**PRODUCT NAME: CPD CONCENTRATED LATEX ADHESIVE**

MANUFACTURER/SUPPLIER: ..... CPD Construction Products  
 219 Connie Crescent, Unit #13  
 Concord, Ontario Canada L4K 1L4

24 HOUR EMERGENCY NUMBER: ..... CANUTEC: (613) 996-6666

APPLICATION AND 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.

**SECTION 2: HAZARDS IDENTIFICATION**

GHS CLASSIFICATION ..... Not classified.  
 SYMBOL ..... No symbol.  
 SIGNAL WORD ..... No signal word.  
 HAZARD STATEMENTS ..... Not applicable.  
 PRECAUTIONARY STATEMENTS ..... Not applicable.

**SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS**

Hazardous Ingredients	%	C.A.S. #	LD/50, Route, Species	LC/50, Route, Species
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No raw materials in this product are required to be listed as defined by the Hazardous Products Act.

**SECTION 4 : FIRST-AID MEASURES**

**FIRST-AID MEASURES**

INGESTION ..... Rinse mouth thoroughly.

INHALLATION ..... Move to fresh air.

SKIN CONTACT ..... Remove contaminated clothing and wash the skin thoroughly with plenty of soap  
 and water.

EYE CONTACT ..... Rinse immediately with plenty of water.

MOST IMPORTANT SYMPTOMS/ EFFECTS,  
 ACUTE OR DELAYED ..... May cause skin and eye irritation.

IMMEDIATE MEDICAL ATTENTION AND  
 SPECIAL TREATMENT NEEDED ..... Get medical attention if symptoms occur.

**SECTION 5: FIRE-FIGHTING MEASURES**

GENERAL FIRE HAZARDS ..... No unusual fire or explosion hazards noted.

SUITABLE EXTINGUISHING MEDIA ..... Use fire extinguisher media for surrounding materials.

UNSUITABLE EXTINGUISHING MEDIA ..... Do not use water jet as an extinguisher as it will spread the fire.

SPECIFIC HAZARDS ARISING FROM THE  
 CHEMICAL ..... During fire, gases hazardous to health may be formed.

SPECIAL FIRE FIGHTING PROCEDURES ..... No data available.

SPECIAL PROTECTION EQUIPMENT FOR  
 FIRE FIGHTERS ..... Self-contained breathing apparatus (SCBA) and full protective clothing must be  
 worn in case of a fire.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

PERSONAL PRECAUTIONS, PROTECTIVE  
 EQUIPMENT, EMERGENCY PROCEDURES ... For small spills, flush area with water before emulsion dries. For large spills  
 contain with sand and earth.

ENVIRONMENTAL PRECAUTIONS ..... Do not flush spilled product into storm sewers, sanitary sewers or water  
 courses. After clean-up of the spill area, the remaining material may be flushed  
 with water before it dries. Place residue into appropriate containers and dispose  
 of in accordance with all Federal, Provincial and Municipal Regulations.

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METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP ..... Sand, dry earth or other non-combustible material. Add sodium or calcium chloride to coagulate the spilled product.

**SECTION 7: HANDLING AND STORAGE**

PRECAUTIONS FOR SAFE HANDLING ..... Use adequate ventilation. Do not breathe vapours. Avoid skin and eye contact. Wash thoroughly after handling. Remove contaminated clothing. Keep container closed when not in use.

CONDITIONS FOR SAFE STORAGE ..... Store under normal warehouse conditions. **DO NOT ALLOW PRODUCT TO FREEZE.** This product is an emulsion therefore freezing could coagulate the emulsion and rupture the container.

**SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

OCCUPATIONAL EXPOSURE LIMITS ..... None of the components have assigned exposure limits.  
APPROPRIATE ENGINEERING CONTROL ..... Mechanical ventilation or local exhaust ventilation may be required.

**PERSONAL PROTECTIVE EQUIPMENT:**

EYE / TYPE ..... Chemical safety goggles with side shields if a splash hazard exists.

RESPIRATORY PROTECTION ..... If mist is generated during application the appropriate full-face respirator should be worn by workmen.

SKIN PROTECTION/ GLOVES/ CLOTHING ... Wear suitable gloves, e.g., PVC or nitrile rubber.  
Wear adequate protective clothes. Wear long sleeves and trousers to prevent dermal exposure.

OTHER/TYPE ..... Portable eye wash stations should be made available at all jobs sites.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE/ APPEARANCE/ ..... Liquid, milky white

ODOUR ..... Faint ammonia odour

ODOR TRESHOLD ..... No data available

pH LEVEL ..... 11.0 @ 20°C (68°F)

FREEZING/MELTING POINT ..... 0°C (32°F) (Approx.)

BOILING POINT ..... 100°C (212°F) (Approx.)

FLASH POINT ..... No data available

EVAPORATION RATE (N-BUTYLACETATE=1) <1.0

FLAMABILITY ..... No

VAPOUR PRESSURE ..... No data available

VAPOUR DENSITY (AIR=1)..... >1.0 Vapours are heavier than air and may travel along the floor and in the bottom of containers

RELATIVE DENSITY @ 20°C (68°F)..... 1.01 (approx.)

SOLUBILITY ..... Soluble in water, infinite dilution

PARTITION COEFFICIENT: N-octanol/Water .. No data available

VISCOSITY ..... 10-15 cps @ 20°C (68°F) (Approx.)

V.O.C. ..... 0 gm/L

**SECTION 10: STABILITY AND REACTIVITY**

REACTIVITY ..... No data available.

CHEMICAL STABILITY ..... Material is stable under normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS: No data available.

CONDITIONS TO AVOID ..... Avoid heat or contamination. Avoid freezing.

INCOMPATIBLE MATERIALS ..... Strong acids. Strong bases.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition or combustion may liberate carbon oxides or other toxic gases or vapours.

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**SECTION 11: TOXICOLOGICAL INFORMATION**

**EXPOSURE ROUTES/ SYMPTOMS AND EFFECTS**

INGESTION .....	May be ingested by accident. Ingestion may cause stomach/ intestinal irritation, nausea.
INHALLATION .....	In high concentrations, vapours, fumes or mists may irritate nose, throat and mucus membranes.
SKIN CONTACT .....	Repeated or prolonged contact may irritate the skin, moderate toxicity.
EYE CONTACT .....	Irritating to eyes. Contact should be avoided.
CARCINOGENICITY OF MATERIAL .....	This product is not listed by NTP, IARC or regulated as a carcinogen by OSHA.
TERATOGENICITY .....	No data available.
MUTAGENICITY .....	No data available.
REPRODUCTIVE EFFECTS .....	No data available.

**SECTION 12: ECOLOGICAL INFORMATION**

ECOTOXICITY .....	No data available.
PERSISTANCE AND DEGRADABILITY .....	No data available.
BIOACCUMULATIVE POTENTIAL .....	No data available.
MOBILITY IN THE SOIL .....	No data available.
OTHER ADVERSE EFFECTS .....	No data available.

**SECTION 13: DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL .....	Spilled material and water rinses waste must be disposed of in accordance with current, local, provincial and federal regulations.
CONTAMINATED PACKAGING .....	Empty containers of the product can be discarded as normal garbage. Do not reuse for food or drink storage.

**SECTION 14: TRANSPORTATION INFORMATION**

TDG CLASSIFICATION .....	Not regulated.
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**SECTION 15: REGULATORY INFORMATION**

WHMIS CLASSIFICATION .....	Not controlled.
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**SECTION 16: OTHER INFORMATION**

ACGIH .....	American Confederation of Governmental Industrial Hygienists
IARC.....	International Agency for Research on Cancer
NTP.....	National Toxicology Program
STEL .....	Short Term Exposure Limit
OEL .....	Occupational Exposure Limit
PEL .....	Permissible Exposure Limit
TLV-TWA .....	Threshold Limit Value - Time-Weighted Average
TWAEV .....	Time-Weighted Average Exposure Value
OSHA .....	Occupational Safety and Health Administration
CPR .....	Controlled Products Regulations
CAS .....	Chemical Abstract Services
PPE .....	Personal Protection Equipment
N/A .....	Not available

PREPARED BY: .....	Camelia Gardo
TELEPHONE NUMBER: .....	(905) 669-5013
PREPARATION DATE: .....	October 8 <sup>th</sup> , 2017

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.