

SDS-55
Revised October 8th, 2017

SAFETY DATA SHEET

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SECTION 1: IDENTIFICATION

PRODUCT NAME: CPD LATEX MODIFIER

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: 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.

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.

INHALATION 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 and full protective clothing must be worn in case of a fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND 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

APPEARANCE/ PHYSICAL STATE

Liquid, milky white

ODOUR

Faint ammonia odour

ODOR TRESHOLD

No data available

pH LEVEL

8 - 9 @ 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).....

1.014 (approx.)

SOLUBILITY

Soluble in water, infinite dilution

PARTITION COEFFICIENT: N-octanol/Water ..

No data available

VISCOSITY

50 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

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PREPARATION DATE:	October 8 th , 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.

