

**MATERIAL SAFETY DATA SHEET**

**PRODUCT: CPD SALTGUARD**



**SECTION 01: PRODUCT INFORMATION**

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

**Product Identifier:** CPD Saltguard

**Application & Use:** Protects concrete and masonry surfaces from moisture intrusion and chemical attack of chloride salts.

**Product Description:** A general purpose siloxane water-repellent and chloride ion screen.

**Regulatory Classification:**  
WHMIS Class B, Division 3, (Combustible Liquid) Class D2B

**Transportation of Dangerous Goods Information**  
Shipping Name: (NOT REGULATED UNDER CURRENT TDG LEGISLATION)

**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.

| NAME              | (pbw)% | CAS        |                          |                                       |
|-------------------|--------|------------|--------------------------|---------------------------------------|
| Mineral Spirits   | 60-100 | 64741-41-9 | LD50:4700mg/kg(Oral Rat) | LC50: 700 ppm / 4hrs (Inhalation Rat) |
| Aromatic Naphtha  | 1-5    | Unknown    | LD50:1250mg/kg(Oral Rat) | LC50:8000 ppm/4Hrs(Inhalation Rat)    |
| Diacetone Alcohol | 1-5    | 123-42-2   | LD50: 400mg/kg(Oral Rat) | LC50: Unknown                         |

**SECTION 03: PHYSICAL DATA**

Physical State: Liquid  
Vapour Pressure: 0.27 Kpa @ 20°C  
Boiling Point: Approximately 148°C  
Vapour Density (Air=1) : >1  
% Volatile: 87-90  
Appearance: Clear liquid

Specific Gravity: 0.803 @ 20°C  
Solubility in Water: Negligible  
Viscosity: Unknown  
Evaporation Rate (n-ButylAcetate=1): <1  
Odour: Petroleum  
pH @ 20°C: Not Applicable



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**SECTION 04: TOXICOLOGICAL PROPERTIES**

**NATURE OF HAZARD**

**INHALATION:** High concentrations or prolonged exposure to lower concentrations may be slightly irritating to mucous membrane.

**EYE CONTACT:** Short-term liquid or vapour contact may result in slight eye irritation. Prolonged and repeated contact may be more irritating.

**SKIN CONTACT:** Prolonged and repeated liquid contact can cause defeating and drying of the skin, which may result in skin irritation and dermatitis.

**INGESTION:** Liquid ingestion may result in vomiting; aspiration of liquid into the lungs must be avoided as liquid contact with the lungs can result in chemical pneumonitis and pulmonary edema/haemorrhage.

**CHRONIC :** Effects of overexposure: overexposure can lead to central nervous system depression producing such effects as headache, dizziness, nausea and loss of consciousness, and even asphyxiation.

**OCCUPATIONAL EXPOSURE LIMIT**

ACGIH RECOMMENDS: TWA-TLV (1988/89)

Diacetone Alcohol - 50 ppm

Mineral Spirits - 200 ppm

Aromatic Naphtha - 100 ppm

**SECTION 05: FIRST AID MEASURES**

**INHALATION:** Remove victim to fresh air. Give artificial respiration if not breathing. Keep person warm, quiet, and get immediate medical attention.

**EYE CONTACT:** Immediately flush eyes with large quantities of water lifting upper and lower eyelids occasionally. Get immediate medical attention.

**SKIN CONTACT:** Wash with soap and water. Remove contaminated clothing and do not reuse until laundered. If persistent irritation occurs, get medical attention.

**INGESTION:** Do not induce vomiting even though vomiting may occur. If vomiting occurs, keep head below hips to prevent aspiration of liquid into lungs, which can cause chemical pneumonitis, which is fatal. Get immediate medical attention.

**SECTION 06: PREVENTIVE MEASURES**

**PERSONAL PROTECTION:**

**RESPIRATORY PROTECTION:** If Threshold Limit Value (TLV) of the product or any component is exceeded, a NIOSH/MSHA jointly approved air supplied respirator is advised in the absence of proper environmental conditions. (See your safety equipment supplier) OSHA regulations also permit other NIOSH/MSHA respirators under specified conditions.

**PROTECTIVE CLOTHING:** Wear protective clothing as required to prevent skin contact.

**PROTECTIVE GLOVES:** Wear solvent resistant gloves, such as nitrile rubber.



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**SECTION 06: PREVENTIVE MEASURES cont' d**

**EYE PROTECTION:** Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other type safety glasses. (Contact safety equipment supplier.)

**OTHER PROTECTIVE EQUIPMENT:** Solvent resistant boots and headgear. An eyewash and safety shower should be nearby and ready for use.

**ENGINEERING CONTROLS:** Provide sufficient general and/or local exhaust ventilation to maintain exposure below Threshold Limit Value (TLV). Use explosive proof ventilation as required to control vapour concentrations below the TLV. Engineering or administrative controls should be implemented to reduce exposure.

**HANDLING, STORAGE, AND SHIPPING:** Store away from oxidizing materials in a cool, dry place with adequate ventilation. Keep away from heat and open flames. Keep containers tightly closed when not in use. Wash up with soap and water thoroughly before eating, drinking, smoking or using toilet facilities. Launder contaminated clothing before reuse. Containers, even those that have been emptied, since emptied containers retain product residue (vapours, liquid and/or solid). Always obey hazard warning and handle empty containers as if they were full. All hazard precautions given in the Data sheet must be observed.

**OTHER PRECAUTIONS:** Environmental Hazards - This product is considered an "oil" under the Clean Water Act. Keep out of surface water and watercourses or sewers entering or leading to surface water.

**SPILL CONTROL AND DISPOSAL:** Large Spills: Eliminate potential sources of ignition. Wear appropriate respirator and other protective clothing. Shut off source of leak only if safe to do so. Dike and contain. Remove with explosion proof equipment. Soak up residue with a non-combustible absorbent such as clay or vermiculite; place in drums for proper disposal. Flush area with water to remove trace residue; dispose of flush solutions in drums.

Small Spills: Soak up with a non-combustible absorbent and place in drums for disposal. Flush area with water to remove trace residue; collect flush solutions for disposal. Dispose of in a facility approved under RCRA regulations for hazardous waste. Containers must be leak proof and properly labelled.

**SECTION 07: FIRE AND EXPLOSION DATA**

**Flashpoint and Method:** 42°C (T.C.C.)

**Auto ignition Temperature:** Unknown

**Flammable Limits:** Lower: 1.0 Upper: 6.9

**GENERAL HAZARDS:** Vapours are heavier than air and may accumulate in low areas or areas inadequately ventilated. Vapours may also travel along the ground to be ignited at location distant from handling site; flashback of flame to handling site may occur. Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively.

**COMBUSTIBLE!!!** Keep container tightly closed. Isolate from oxidizers, heat, and open flame. Closed containers may explode if exposed to extreme heat. Applying to hot surfaces requires special precautions.



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**SECTION 07: FIRE AND EXPLOSION DATA cont'd**

**FIRE FIGHTING:** Extinguishing media: Use water spray or fog, foam, dry chemical, or CO<sub>2</sub>. Do not use a direct water stream. Avoid accumulation of water as product will float. Do not enter confined fire space without proper protective equipment including a NIOSH/MSHA approved self-contained breathing apparatus. Cool fire exposed containers, surrounding equipment and structures with water.

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon monoxide, carbon dioxide hydrogen chloride, phosgene, and other unidentified organic compound.

**SECTION 08: REACTIVITY DATA**

**STABILITY:** Stable.

**CONDITIONS TO AVOID:** Heat, sparks, and open flame.

**INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID:** Oxidizing materials.

**HAZARDOUS DECOMPOSITION:** None.

**SECTION 09: PREPARATION**

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