CPD
Construction Products

SDS-266
Revised October 3rd, 2018

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

PRODUCT NAME: CIPADAM ® S-100

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:	Protects concrete and masonry surfaces from moisture intrusion. Spray, brush or broom applied.
PRODUCT DESCRIPTION:	Water repellent silane based sealer.

SECTION 2: HAZARDS INDENTIFICATION

GHS CLASSIFICATION ..... Skin irritation (Category 2B)

SIGNAL WORD	**WARNING**
HAZARD STATEMENTS	H315 Causes skin irritation.
PRECAUTIONARY STATEMENTS	
PREVENTION.....	P264 Wash skin thoroughly after handling. P280 Wear protective gloves.
RESPONSE	P302+P352 IF ON SKIN: Wash with plenty of soap and water. P321 Specific treatment (see supplemental first aid instructions on this label). P332+P313 If skin irritation occurs: Get medical advice/ attention. P362 Take off all contaminated clothing and wash before reuse.
OTHER HAZARDS	None known.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	%	C.AS. #	LD/50, Route, Species	LC/50, Route, Species
N-Octyltriethoxy Silane	80-100	2943-75-1	> 5110 mg/ Kg (Oral-Rat)	N/Av

SECTION 4 : FIRST-AID MEASURES

FIRST-AID MEASURES	
EYE CONTACT	Rinse eyes with plenty of water.
SKIN CONTACT.....	Wash with plenty of soap and water. Remove contaminated clothing and do not reuse until laundered. If persistent irritation occurs, get medical attention.
INHALATION	Remove victim to fresh air.
INGESTION	Immediately make victim drink water to dilute (at least two cups). Consult a physician. Never give anything by mouth to an unconscious person.
MOST IMPORTANT SYMPTOMS/ EFFECTS, ACUTE OR DELAYED	Irritant effects.
IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED	No information available. Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

GENERAL FIRE HAZARDS.....	Combustible material. Vapours are heavier than air and may spread along floors. Forms explosive mixtures with air on intense heating.
SUITABLE EXTINGUISHING MEDIA	Use carbon dioxide, foam or dry powder.
UNSUITABLE EXTINGUISHING MEDIA	No limitations of extinguishing agents are given.

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SPECIAL PROTECTION EQUIPMENT FOR FIRE FIGHTERS	Fire-fighters should use a self-contained breathing apparatus and full protective clothing in case of fire.
HAZARDOUS COMBUSTION PRODUCTS	Oxides of carbon and silicon.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, EMERGENCY PROCEDURES ...	Avoid substance contact. Do not breath vapours, aerosols. Ensure adequate ventilation. Evacuate the danger area, observe emergency procedures, consult an expert. Use personal protective equipment as indicated in Section 8.
ENVIRONMENTAL PRECAUTIONS	Do not empty into drains.
CONTAINMENT AND CLEAN UP	Cover drains. Collect, bind and pump -off spills. Observe possible material restrictions and incompatibles. Take-up with liquid absorbent material (e.g. Chemizorb®). Dispose of properly. Clean up affected area in appropriate manner since some silicone material, even in small quantities, may present a slip hazard. Final cleaning may require steam, solvents or detergents. Observe all Federal, Provincial and local regulations that may apply to the clean-up of this material.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING	Do not allow to come in contact with water. Use safety gloves and glasses. 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, retain product residue (vapours, liquid and/or solid). Always obey hazard warning and handle empty containers as if they were full.
CONDITIONS FOR SAFE STORAGE	Store in original labelled container, away from oxidizing materials in a cool dry place with adequate ventilation. Keep from heat and open flames.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMIT:	ACGIH	OSHA	NIOSH
N-OCTYLTRIETHOXY SILANE	1000 ppm TWA 1000 ppm STEL	N/Av	N/Av

APPROPIATE ENGINEERING CONTROL	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.
PERSONAL PROTECTIVE EQUIPMENT:	
EYE / TYPE	Chemical splash goggles in compliance with OSHA regulations are advised. However, OSHA regulations also permit other type safety glasses, (contact safety equipment supplier).
RESPIRATORY PROTECTION	Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
GLOVES/TYPE	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
CLOTHING/TYPE	Protective clothing should be selected specifically for the workplace, depending on concentration and quantity of the hazardous substances handled. The chemical resistance of the protective equipment should be inquired at the respective supplier.
OTHER PROTECTIVE EQUIPMENT.....	Solvent resistant boots and headgear. An eyewash and safety shower should be nearby and ready to use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/ PHYSICAL STATE	Liquid, clear, low viscosity
ODOUR	Characteristic Ester
ODOUR TRESHOLD	Not available
pH LEVEL	Not available
FREEZING/MELTING POINT	Not available
BOILING POINT/ RANGE	98 - 99 °C (208 - 210 °F)
FLASH POINT	109 °C (228 °F); Method: DIN 51758 or 40.6°C (105°F) (TCC) ASTM D93
AUTO IGNITION TEMPERATURE (deg C)	Not available.
UPPER FLAMMABLE LIMIT (% VOL)	Not available.
LOWER FLAMMABLE LIMIT (% VOL)	Not available.
VAPOUR PRESSURE	< 1 mm Hg @ 20 °C (68 °F)
VAPOUR DENSITY (AIR=1)	Not available
DENSITY @ 20°C (68°F)	0.876 (approx.)
EVAPORATION RATE	Not available
SOLUBILITY IN WATER	Reacts slowly- decomposition @ 20 °C (68 °F)
VISCOSITY (DYNAMIC)	2 mPa.s @ 20°C (68°F) (Approx.)
V.O.C.	10 gm/L

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY	Forms explosive mixtures with air on intense heating.
CHEMICAL STABILITY	Sensitive to air and moisture.
POSIBILITY OF HAZARDOUS REACTIONS:	Material will react violently with water, strong oxidizing agents, bases and acids.
CONDITIONS TO AVOID	Avoid strong heating; exposure to moisture.
INCOMPATIBLE MATERIALS	Strong oxidizing compounds.
HAZARDOUS DECOMPOSITION PRODUCTS:	Ethanol in case of hydrolysis.

SECTION 11: TOXICOLOGICAL INFORMATION

EXPOSURE ROUTES/ SYMPTOMS AND EFFECTS

EYE CONTACT	No data available.
SKIN CONTACT	Irritating.
INHALATION (ACUTE)	High concentrations or prolonged exposure to lower concentrations may be irritating to mucous membrane.
INGESTION	Liquid ingestion may result in vomiting.
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.
ECOLOGICAL INFORMATION	Do not allow this product to enter sewers, water streams or lakes.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL	Product in the liquid state is hazardous material and must be disposed of as in accordance with all Provincial, State and Federal laws. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations.
CONTAMINATED PACKAGING	Empty containers of the product that are dry (no residue) can be disposed of as normal garbage.

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SECTION 14: TRANSPORTATION INFORMATION

TDG CLASSIFICATION	Not classified.

SECTION 15: REGULATORY INFORMATION

WHMIS CLASSIFICATION	D-2B Skin Irritant
CPR (CANADA) COMPLIANCE	Meets all requirements.

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
PEL	Permissible Exposure Limit
TLV-TWA	Threshold Limit Value - Time-Weighted Average
OSHA	Occupational Safety and Health Administration
NIOSH	National Institute for Occupational Safety and Health
MSHA	Mine Safety and Health Administration
CPR	Controlled Products Regulations
CAS	Chemical Abstracts Service
N/Av	Not Available
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PREPARATION DATE:	October 8th, 2017

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