

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

PRODUCT NAME: CIPADECK® SHIELD

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 Water based protective treatment sealer for plain, coloured or stained concrete surfaces.

PRODUCT DESCRIPTION Single component (Water Based) high gloss sealer.

SECTION 2: HAZARDS IDENTIFICATION

GHS CLASSIFICATION Acute toxicity, oral (Category 4); Skin irritant, (Category 2); Eye irritant, (Category 2); Reproductive toxicity (Category 1)



SIGNAL WORD **DANGER**

HAZARD STATEMENTS H302 Harmful if swallowed.
 H315 Causes skin irritation.
 H320 Causes eye irritation.
 H335 May cause respiratory irritation.
 H361 Suspected of damaging fertility or the unborn child.

PRECAUTIONARY STATEMENTS

PREVENTION..... P280 Wear protective gloves/clothing/eye protection.
 P270 Do not eat, drink or smoke when using this product.
 P260 Do not breath mist/vapours.

RESPONSE P302+P362+P352 IF ON SKIN: Take off contaminated clothing. Wash with plenty of water.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P304+P340 IF INHALLED: Remove person to fresh air and keep comfortable for breathing.
 P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

OTHER HAZARDS..... Immediately seek medical advice or attention if symptoms are significant or persist.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	%	C.AS. #	LD/50, Route, Species	LC/50, Route, Species
Dipropylene Glycol Methyl ether	3-7	34590-94-8	5130 mg/ Kg (Oral-Rat) 9500 mg/ Kg (Dermal Rabbit)	>500 ppm (Inhalation. -Rat)
Diethylene Glycol Monoethyl ether	1-5	111-90-0	7500 mg/ Kg (Oral-Rat) 10300 mg /Kg (Dermal Rabbit)	Not available
Dibutyl Phthalate	0.5-1.5	84-74-2	8000 mg/ Kg (Oral-Rat)	4250 mg/m ³ (Inhalation-Rat)

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SECTION 4: FIRST-AID MEASURES

FIRST-AID MEASURES

EYE CONTACT	Immediately flush eyes with water for 15 minutes holding open eyelids. Seek immediate medical attention if irritation persists.
SKIN CONTACT.....	Flush with large amounts of water. Use mild soap if available. Remove severely contaminated clothing (including shoes) and wash before reuse.
INHALATION	Remove victim to fresh air if inhalation of mist occurs.
INGESTION	If victim is still conscious, give 2 glasses of water. Seek immediate medical attention. Never give anything by mouth to an unconscious person.
ADDITIONAL INFORMATION	In all cases, if irritation persists seek medical attention.
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	This product is non-combustible, but if temperatures are high enough it will boil until water is driven off then the remaining resin solids will burn.
SUITABLE EXTINGUISHING MEDIA	Treat for surrounding materials. Use water to extinguish fire of polymer solids.
UNSUITABLE EXTINGUISHING MEDIA	No data available.
SPECIAL PROTECTION EQUIPMENT FOR FIRE FIGHTERS	A self-contained breathing apparatus should be used for all indoor fires.
HAZARDOUS COMBUSTION PRODUCTS	Toxic gases may be formed during fire, fumes, carbon oxides.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES	Area of spill will be slippery. Use care to avoid falling. Stop leak and isolate spill. Do not get in eyes, skin or clothing. Use appropriate personal protection equipment (PPE).
ENVIRONMENTAL PRECAUTIONS	Do not flush spilled product into storm sewers, sanitary sewers, or water courses.
CONTAINMENT AND CLEAN UP	Soak up the product with dry sand, earth or some other inert materials.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING	Keep containers closed when not in use. Empty product containers may contain product residue. Do not reuse to store foodstuffs or drinking water under any conditions.
CONDITIONS FOR SAFE STORAGE	Do not allow this product to freeze. Store under normal warehouse conditions. Protect from freezing (min/max: 5/30°C)

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS:	<u>ACGIH OEL</u>	<u>OSHA PEL</u>	<u>AIHA WEEL</u>
DIPROPYLENE GLYCOL METHYL ETHER ...	TWA 100 ppm (Skin) STEL 150 ppm (Skin)	N/Av	N/Av
DIETHYLENE GLYCOL MONOETHYL ETHER	N/Av	N/Av	140 mg/ m ³ (25 ppm)
DIBUTYL PHTHALATE	5 mg/ m ³	5 mg/ m ³	N/Av
APPROPRIATE ENGINEERING CONTROL	General dilution and local exhaust as necessary to control airborne vapours or mists below appropriate airborne concentration standards/guidelines.		
PERSONAL PROTECTIVE EQUIPMENT:			
EYE / TYPE	Chemical safety goggles with side shields if a splash hazard exists.		
RESPIRATORY PROTECTION	For operations where inhalation exposure can occur, a NIOSH approved respirator may be necessary.		
SKIN PROTECTION/ GLOVES/ CLOTHING ...	Wear suitable gloves, PVC or nitrile rubber. Wear adequate protective clothes.		
OTHER/TYPE	Portable eye wash stations should be made available at all jobs sites.		

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Liquid
APPEARANCE	Milky White Liquid
ODOUR	Slight Ammonia Odour
ODOUR THRESHOLD	Not available
pH LEVEL	9.25
EVAPORATION RATE (n-Butyl Acetate=1)	Not Available
BOILING POINT	>100°C (212°F)
FREEZING POINT	0°C (32°F)
FLASH POINT (deg C), METHOD.....	Non-combustible
FLAMMABLE LIMITS IN AIR	Not applicable
AUTO IGNITION TEMPERATURE (deg C)	Not applicable
VAPOUR PRESSURE	Not available
VAPOUR DENSITY (Air=1)	>1.0
SOLUBILITY IN WATER	Infinite
SPECIFIC GRAVITY @20°C (68°F)	1.02-1.03
VISCOSITY (Brookfield)	10 cPs
% VOLATILE	78-85%
V.O.C. Content	< 350 grams/ L

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY	No data available.
CHEMICAL STABILITY	Material is stable under normal use conditions.
POSSIBILITY OF HAZARDOUS REACTIONS:	Hazardous polymerization will not occur under normal conditions.
CONDITIONS TO AVOID	Do not allow the product to freeze.
INCOMPATIBLE MATERIALS	Avoid contact with acidic or basic compounds.
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon oxides (CO, CO ₂), smoke.

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE ORAL TOXICITY (LD50)	Refer to Section 3.
EXPOSURE ROUTES/ SYMPTOMS AND EFFECTS	
INGESTION	May be ingested by accident. Slightly toxic. May produce signs of intoxication characterized by dizziness, drowsiness, headache, nausea, mental confusion, possible slurred speech and stupor depending on the quantity of material ingested. Severe kidney damage results upon ingestion of large volumes of the product.
INHALLATION	This product is water based and has very low volatility. No health hazard from inhalation of vapour under normal conditions of use. However, breathing of mist may be irritating to the nose and throat. Avoid all inhalation of mist.
EYE CONTACT	Irritating, causing redness and swelling of the conjunctiva after severe exposure.
SKIN CONTACT	Brief contact is not irritating but continuous exposure may irritate the skin. Prolonged or widespread skin contact may result in the absorption of potentially harmful amounts of material.
CARCINOGENICITY OF MATERIAL	This product is not listed by NTP, IARC or regulated as a carcinogen by OSHA.
TERATOGENICITY	Not applicable.
MUTAGENICITY	Not applicable.
REPRODUCTIVE EFFECTS	This material contains small amounts of Dibutyl Phthalate which is suspected of damaging the fertility or the unborn child.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY	No data available.
PERSISTENCE AND DEGRADABILITY	This product is not expected to persist in the environment.
BIOACCUMULATIVE POTENTIAL	No data available.
MOBILITY IN THE SOIL	No data available.

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SECTION 13: DISPOSAL CONSIDERATIONS

PRODUCT DISPOSAL	Recover and recycle if possible. Otherwise: incineration in a permitted facility. Spilled material and water rinses waste must be disposed of in accordance with current, local, provincial and federal regulations. Do not allow product to enter sewers, streams or lakes.
WASTE DISPOSAL	Empty, dry containers of this product can be disposed of as normal garbage.

SECTION 14: TRANSPORTATION INFORMATION

TDG CLASSIFICATION	Not regulated.
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SECTION 15: REGULATORY INFORMATION

WHMIS CLASSIFICATION	Class D, Division 2, Subdivision A / Class D, Division 2, Subdivision B
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
OEL	Occupational 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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