

**SDS-35**  
**Revised October 8<sup>th</sup>, 2017**

**SAFETY DATA SHEET**

**SECTION 1: IDENTIFICATION**

**PRODUCT NAME: #920 CONCRETE SEALER METRO GREY (WATER BASE)**

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 sealer for concrete floors and for curing new concrete floors. This product can be applied by brush, roller or spray. Spraying is the most common method of application.

PRODUCT DESCRIPTION: ..... Single component (Water Based) penetrating sealer.

**SECTION 2: HAZARDS IDENTIFICATION**

GHS CLASSIFICATION ..... Skin irritant, (Category 2); Eye irritant, (Category 2);  
 Specific target organ toxicity (repeated exposure), (Category 2- Lung)



SIGNAL WORD ..... **WARNING**

HAZARD STATEMENTS ..... H315 Causes skin irritation.  
 H320 Causes eye irritation.  
 H335 May cause respiratory irritation.  
 H373 May cause damage to organs through prolonged or repeated exposure.

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**

| <b>Hazardous Ingredients</b>     | <b>%</b> | <b>C.A.S. #</b> | <b>LD/50, Route, Species</b>                         | <b>LC/50, Route, Species</b> |
|----------------------------------|----------|-----------------|--|------------------------------|
| Dipropylene Glycol Methyl ether  | 1-5      | 34590-94-8      | 5130 mg/ Kg (Oral-Rat)<br>9500mg/Kg (Dermal Rabbit)  | >500 ppm (Inhalation. -Rat)  |
| Dipropylene Glycol n-butyl ether | 1-5      | 29911-28-2      | 1620 mg /Kg (Oral-Rat)<br>5860 mg/Kg (Dermal Rabbit) | 2.4 mg/L (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. If adverse effects are experienced see physician.                                      |
| 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:<br>DIPROPYLENE GLYCOL METHYL ETHER ... | <u>ACGIH OEL</u><br>TWA 100 ppm (Skin)<br>STEL 150 ppm (Skin)   | <u>OSHA PEL</u><br>Not available |
| APPROPRIATE ENGINEERING CONTROL .....                                | General dilution and local exhaust as necessary to control airborne vapours or mists and thermal decomposition products below appropriate airborne concentration standards/guidelines |                                  |
| PERSONAL PROTECTIVE EQUIPMENT:<br>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, e.g., PVC or nitrile rubber.<br>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.  |                                  |

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

|   |                      |
|---|----------------------|
| PHYSICAL STATE .....                      | Liquid               |
| APPEARANCE .....                          | Grey Coloured Liquid |
| ODOUR .....                               | Slight Ammonia Odour |
| ODOUR THRESHOLD .....                     | Not available        |
| pH LEVEL .....                            | 9.0                  |
| 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) .....       | 1.12                 |
| VISCOSITY (Brookfield) .....              | 300 cPs              |
| % VOLATILE .....                          | 62 %                 |
| V.O.C. Content .....                      | 92 grams/ L          |

**SECTION 10: STABILITY AND REACTIVITY**

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

**SECTION 11: TOXICOLOGICAL INFORMATION**

|                                       |  |
|---------------------------------------|--|
| INGREDIENTS LD50/ LC50 DATA .....     | 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 .....                     | Will irritate eyes causing redness and swelling of the conjunctiva on single 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 .....            | Not applicable.  |

**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. |
|--------------------------|----------------|

**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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| PREPARATION DATE: ..... | October 8 <sup>th</sup> , 2017 |

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