



# Material Safety Data Sheet

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## Perennial Plus 497

Use: High Solids Floor Sealer/Finish

Code: FH497

Date of MSDS: July 1, 2011

WHMIS: D2B

TDG: Not Regulated

HMIS: Health - 1, Flammability - 0, Reactivity - 0, PPE - B

**Emergency Telephone #**

**CANUTEC 613-996-6666**

### I - HAZARDOUS INGREDIENTS

| Chemical Name                     | Wt/Wt % | CAS #         | LD50 (mg/kg - oral rat) | LC50          |
|-----------------------------------|---------|---------------|-------------------------|---------------|
| Acrylic Copolymer                 | 40-70   | Not Hazardous | Not Available           | Not Available |
| Wax Emulsion                      | 5-10    | Not Hazardous | Not Available           | Not Available |
| Diethylene Glycol Monoethyl Ether | 3-7     | 111-90-0      | 5500                    | Not Available |

### II - PHYSICAL DATA

|   |                                       |                                       |
|---|---------------------------------------|---------------------------------------|
| <b>Physical State:</b> liquid             | <b>Viscosity:</b> not applicable      | <b>Vapour Pressure:</b> not available |
| <b>Oil/Water Factor:</b> not available    | <b>Appearance:</b> milky white        | <b>pH:</b> 8-9                        |
| <b>Vapour Density:</b> not available      | <b>Evaporation Rate:</b> emulsifiable | <b>Odour:</b> mild acrylic            |
| <b>Specific Gravity:</b> 1.00±0.002       | <b>Boiling Point (°C):</b> 96         | <b>Odour Threshold:</b> not available |
| <b>Freezing Point (°C):</b> not available |                                       |                                       |

### III - FIRE AND EXPLOSION DATA

|  |  |
|--|--|
| <b>Conditions of Flammability:</b> not flammable                           | <b>UFL:</b> not applicable                       |
| <b>Flash Point and Test Method:</b> not applicable                         | <b>LFL:</b> not applicable                       |
| <b>Sensitivity to Static Discharge or Mechanical Impact:</b> not available | <b>Auto-Ignition Temperature:</b> not applicable |
| <b>Hazardous Combustion Products:</b> oxides of carbon                     |  |
| <b>Means of Extinction:</b> treat for surrounding material & fire          |  |

### IV - REACTIVITY DATA

|  |  |
|--|--|
| <b>Conditions of Chemical Instability:</b> stable  | <b>Conditions of Reactivity:</b> not applicable        |
| <b>Incompatible Substances:</b> strong oxidizers, strong acids                           | <b>Hazardous Decomposition Products:</b> not available |
| <b>Storage Requirements:</b> store in closed containers away from incompatible materials |  |

### V - TOXICOLOGICAL PROPERTIES

|   |   |
|---|---|
| <b>Synergistic Materials:</b> not available   | <b>Route(s) of Entry:</b> skin, eyes, ingestion, inhalation |
| <b>Irritancy of Product:</b> mild   | <b>Sensitization:</b> not available                         |
| <b>Acute Effects</b>  | <b>Chronic Effects</b>                                      |
| <b>Eye:</b> may cause mild irritation   | <b>Carcinogen:</b> none known                               |
| <b>Skin:</b> May cause mild irritation. Prolonged & repeated contact may cause irritation | <b>Teratogen:</b> not available                             |
| <b>Ingestion:</b> not available   | <b>Mutagen:</b> not available                               |
| <b>Inhalation:</b> not available  | <b>Reproductive Toxin:</b> not available                    |

### VI - FIRST AID MEASURES

|                      |  |
|----------------------|--|
| <b>Eye Contact:</b>  | Immediately flush with water for 15 minutes. If irritation persists, contact a physician.  |
| <b>Skin Contact:</b> | Immediately flush with water for 15 minutes. Contact a physician if irritation develops.   |
| <b>Inhalation:</b>   | Remove to fresh air. If symptoms persist, contact a physician.   |
| <b>Ingestion:</b>    | Do not induce vomiting. Rinse mouth with water, then drink one glass of water. Contact a physician immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing. |

### VII - PROTECTIVE EQUIPMENT

|   |   |
|---|---|
| <b>Personal Protective Equipment:</b>                     | <b>Eyes:</b> safety glasses recommended                                     |
|   | <b>Skin:</b> impermeable gloves recommended for those with sensitive skin   |
|   | <b>Respiratory:</b> not normally required if good ventilation is maintained |
| <b>Ventilation:</b> general ventilation normally adequate |   |

### VIII - SPECIAL MEASURES

**For Leaks or Spills:** Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labeled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

**Waste Disposal:** Review all Federal, Provincial and local regulations prior to disposal.

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