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**SECTION IV – First Aid Measures**

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**Eyes:** Immediately flush eye thoroughly with water – do not rub eyes. Continue flushing eye for at least 15 minutes, including under lids, to remove all particles. Call physician immediately.

**Skin:** Wash skin with cool water and pH-neutral soap or a mild detergent. Seek medical treatment if irritation or inflammation develops or persists.

**Inhalation:** Remove person to fresh air. If coughing and other symptoms develop, seek medical attention.

**Ingestion:** If swallowed, give two glasses of water; If large amounts are ingested, induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.

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**SECTION V - FIRE AND EXPLOSION HAZARD DATA**

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**Flammability:** Noncombustible and not explosive.

**Auto-ignition Temperature:** Not Applicable

**Flash Points:** Product may contain less than 1% of a solvent with a Flash Point of 120°C (248°F)

**Unusual Hazards:** This water-based dispersion can splatter at temperatures above 100°C (212°F). Polymer film can burn once the water has evaporated.

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**SECTION VI – ACCIDENTAL RELEASE MEASURES**

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Contain spills immediately with inert materials (eg. Sand, earth). Scrape up and allow to harden before disposal. Use detergent and water to remove the remaining residue.

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**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND STORAGE**

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Keep from freezing; material may coagulate. The minimum recommended storage temperature for this material is 1°C (34°F). The maximum recommended storage temperature for this material is 38°C (100°F).

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**SECTION VIII – EXPOSURE CONTROL MEASURES**

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**Engineering Controls:** Not applicable

**Personal Protection:** The use of neoprene gloves is recommended. Use chemical splash goggles (ANSI Z87.1 or approved equivalent).

**Exposure Limits:** Consult local authorities for acceptable exposure limits.

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**SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS**

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**Appearance:** White or tinted viscous liquid with granular white fillers.

**Boiling Point:** ~100°C (212°F)

**Solubility in Water:** Dilutable

**Odor:** Slight ether and ammonia odor

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**SECTION X - REACTIVITY DATA**

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**Stability:** This material is considered stable. Avoid temperatures above 177°C (350°F), the onset of polymeric decomposition. Thermal decomposition is dependent on time and temperature.

**Incompatibility (Materials to Avoid):** Avoid contact with strong oxidizing agents or strong alkalis.

**Hazardous Decomposition or By-products:** Thermal decomposition may yield acrylic monomers

**Hazardous Polymerization:** Will Not Occur.

**Condition to Avoid:** Maintain storage temperature between 1°C (34°F) and 38°C (100°F) to retain product utility.

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**SECTION XI – TOXICOLOGICAL INFORMATION**

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**Routes of Entry:** Inhalation, Ingestion

**Toxicity to Animals:**

LD50: Not Available

LC50: Not Available

**Chronic Effects on Humans:** Not Available

**Special Remarks on Toxicity:** Not Available

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**SECTION XII – ECOLOGICAL INFORMATION**

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**Ecotoxicity:** Not Available

**BOD5 and COD:** Not Available

**Products of Biodegradation:** Not available

**Toxicity of the Products of Biodegradation:** Not available

**Special Remarks on the Products of Biodegradation:** Not available

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**SECTION XIII – DISPOSAL CONSIDERATIONS**

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**Waste Disposal Method:** The packaging and material may be land filled once hardened. This product is not classified as a hazardous waste under the authority of the RCRA (40CFR 261) or CERCLA (40CFR 117&302).

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**SECTION XIV – TRANSPORT INFORMATION**

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**DOT/UN Shipping Name:** Non-regulated

**DOT Hazard Class:** Non-regulated

**Shipping Name:** Non-regulated

Non-Hazardous under U.S. DOT and TDG Regulations

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**SECTION XV – OTHER REGULATORY INFORMATION**

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**US OSHA 29CFR 1910.1200:** Considered hazardous under this regulation and should be included in the employers hazard communication program

**SARA (Title III) Sections 311 & 312:** Qualifies as a hazardous substance with delayed health effects

**SARA (Title III) Section 313:** Not subject to reporting requirements

**TSCA (May 1997):** All components are on the TSCA inventory list

**Federal Hazardous Substances Act:** Is a hazardous substance subject to statues promulgated under the subject act

**Canadian Environmental Protection Act:** Not listed

**Canadian WHMIS:** Considered to be a hazardous material under the Hazardous Products Act as defined by the Controlled Products Regulations and subject to the requirements of WHMIS. This product has been classified according to the hazard criteria of the Controlled Products Regulation (CPR). This document complies with the WHMIS requirements of the Hazardous Products Act (HPA) and the CPR.

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**SECTION XVI – OTHER INFORMATION**

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|                  |  |   |
|------------------|--|---|
| <b>HMIS-III:</b> | Health –   | 0 = No significant health risk                          |
|                  |  | 1 = Irritation or minor reversible injury possible      |
|                  |  | 2 = Temporary or minor injury possible                  |
|                  |  | 3 = Major injury possible unless prompt action is taken |
| Flammability-    | 4 = Life threatening, major or permanent damage possible               |   |
|                  | 0 = Material will not burn   |   |
|                  | 1 = Material must be preheated before ignition will occur              |   |
|                  | 2 = Material must be exposed to high temperatures before ignition      |   |
| Physical Hazard- | 3 = Material capable of ignition under normal temperatures             |   |
|                  | 4 = Flammable gases or very volatile liquids; may ignite spontaneously |   |
|                  | 0 = Material is normally stable, even under fire conditions            |   |
|                  | 1 = Material normally stable but may become unstable at high temps     |   |
|                  | 2 = Materials that are unstable and may undergo react at room temp     |   |
|                  | 3 = Materials that may form explosive mixtures with water              |   |
|                  | 4 = Materials that are readily capable of explosive water reaction     |   |

**Abbreviations:**

|               |  |
|---------------|--|
| <b>ACGIH</b>  | American Conference of Government Industrial Hygienists            |
| <b>CAS</b>    | Chemical Abstract Service  |
| <b>CERCLA</b> | Comprehensive Environmental Response, Compensation & Liability Act |
| <b>CFR</b>    | Code of Federal Regulations  |
| <b>CPR</b>    | Controlled Products Regulations (Canada)                           |
| <b>DOT</b>    | Department of Transportation                                       |
| <b>IARC</b>   | International Agency for Research                                  |
| <b>MSHA</b>   | Mine Safety and Health Administration                              |
| <b>NIOSH</b>  | National Institute for Occupational Safety and Health              |
| <b>NTP</b>    | National Toxicity Program  |

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|              |   |
|--------------|---|
| <b>OSHA</b>  | Occupational Safety and Health Administration   |
| <b>PEL</b>   | Permissible Exposure Limit                      |
| <b>RCRA</b>  | Resource Conservation and Recovery Act          |
| <b>SARA</b>  | Superfund Amendments and Reauthorization Act    |
| <b>TLV</b>   | Threshold Limit Value                           |
| <b>TWA</b>   | Time-weighted Average                           |
| <b>WHMIS</b> | Workplace Hazardous Material Information System |

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