Section I - Product Identification

Trade Names/Synonyms: Extra Fast Setting Epoxy

Chemical Name: 2-Part Epoxy Resin

WHMIS Status: Class E, Corrosive and Class D, Div. 2A, Toxic

### Ingredients (% by wt.)

<table>
<thead>
<tr>
<th>Part A:</th>
<th>CAS No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Epoxy resins (70-80%)</td>
<td>28064-14-4 or 68460-21-9</td>
</tr>
<tr>
<td>Diglycidyl ether of bisphenol A fumarate resin (20-30%)</td>
<td>25068-38-6</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part B:</th>
<th>CAS No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mercapto terminated polymer (~90%)</td>
<td>72244-98-5</td>
</tr>
<tr>
<td>2,4,6-Tridimethylaminomethyl-1-phenol (~10%)</td>
<td>90-72-2</td>
</tr>
</tbody>
</table>

Section II - Emergency and First Aid

Primary Route of Entry: Skin, eyes

Eyes: Symptoms of Overexposure: Severe irritant to eyes and skin. Sensitization of skin may occur. Severe respiratory injury may occur when purposely inhaled. Delayed respiratory effects may occur.

Skin: Wash with soap and water. Remove any contaminated clothing.

Inhalation: Remove from exposure.

Ingestion: Dilute stomach contents with several glasses of water.

Additional Information: None when used as described by product literature.

Section III - Toxicology and Health Information

This material has been evaluated by Xerox Corporation.

### Toxicological Data

**Oral LD50:** Part A - >4000 mg/kg (rats) non-toxic. Part B - 1653 mg/kg (rats) non-toxic.

**Dermal LD50:** Part A - N.D. Part B - 1350 mg/kg (rabbits) non-toxic.

**Inhalation LC50:** Part A - N.D. Part B - >0.5 mg/l (rats) toxic.

**Eye Irritation:** Part A - Irritant Part B - Corrosive.

**Skin Sensitization:** Parts A&B; Possible sensitizers with prolonged or repeated skin contact.

**Skin Irritation:** Part A - Irritant Part B - Irritant

**Human Patch:** N.D.

**Mutagenicity:** Current literature indicates Part A may be mutagenic; Part B and cured resin are non-mutagenic.

**Carcinogens:** None present

**Aquatic LC50:** N.D.

Additional Information: None

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1Hazardous ingredients as defined by WHMIS.  2XEL-Xerox Exposure Limit

N.A. - Not Applicable  N.E. -None Established  N.D. -Not Determined
**Section IV - Physical Data**

- **Appearance/Odor:** Amber-colored / amine odor
- **Softening Range:** N.A.
- **Boiling Point:** N.A.
- **Melting Point:** N.A.
- **Solubility in Water:** Negligible (Pt.A), Partial (Pt. B)
- **Specific Gravity (H₂O=1):** 1.10 - 1.20
- **Melting Point:** N.A.
- **Evaporation Rate:** N.A.
- **Vapor Pressure (mm Hg):** N.D.
- **Vapor Density (Air=1):** N.A.
- **pH:** N.A.
- **Volatile:** N.A. % (Wt.)  N.A. % (Vol.)

**Section V - Fire and Explosion Data**

- **Flash Point (Method Used):** 190 °C/375 °F (Pt. A), 132 °C/270 °F (Pt. B)
- **Flammable Limits:** LEL: N.D., UEL: N.D.
- **NFPA 704:** N.D.
- **Extinguishing Media:** Dry chemical, foam, carbon dioxide.
- **Special Fire Fighting Procedures:** Water or foam may cause frothing. If a spilled has ignited, use water spray to disperse the vapors. Wear self-contained breathing apparatus and goggles.
- **Fire and Explosion Hazards:** Thermal decomposition may produce toxic organic compounds. Avoid breathing smoke.

**Section VI - Reactivity Data**

- **Stability:** Stable
- **Hazardous Polymerization:** Will Not Occur
- **Hazardous Decomposition Products:** Carbon dioxide and monoxide, hydrogen sulfide, oxides of sulfur, nitrogen oxides, ammonia.
- **Incompatibility (Materials to Avoid):** Oxidizing agents, strong acids and bases, halogenated organic compounds, and amines.

**Section VII - Special Protection Information**

- **Respiratory Protection:** None required when used as intended in Xerox products.
- **Eye Protection:** Safety glasses with side shields or goggles required.
- **Protective Gloves:** Nitrile or neoprene gloves required.
- **Other:** None required when used as intended in Xerox products.

**Section VIII - Special Precautions**

- **Handling and Storage:** Use with adequate ventilation.
- **Conditions to Avoid:** Heat

**Section IX - Spill, Leak, and Disposal Procedures**

- **For Spills or Leakage:** Absorb material on vermiculite or other inert absorbent material.
- **Waste Disposal Method:** This material is not a hazardous waste according to Federal Regulation 40 CFR 261 when disposed. State and Local requirements however, may be more restrictive. Consult with the appropriate State and Local waste disposal authorities for additional information.

**Section X - Transportation Information**

<table>
<thead>
<tr>
<th>D.O.T.</th>
<th>I.A.T.A.</th>
<th>I.M.O.</th>
<th>Proper Shipping name</th>
<th>Hazard Class</th>
<th>UN ID#</th>
<th>Packing Group</th>
<th>Limited Quantity exception may apply</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Regulated</td>
<td>Not Regulated</td>
<td>Not Regulated</td>
<td>N.A.</td>
<td>N.A.</td>
<td>N.A.</td>
<td>N.A.</td>
<td>N.A.</td>
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