SECTION 1 - PREPARATION/PRODUCT INFORMATION

Manufacturer’s Name: Digital Equipment Corporation, Maynard, MA USA

Non-Emergency Phone Number: (508) 496-9242

Emergency Phone Numbers: 800-228-5635 ext.123
[+1] 612-221-3999 ext.123

Preparation Date: July 11, 1995

Supersedes: March 4, 1992

Product Name: Epoxy Resin Part B (Amber)

Use: Connecting Optic Cable

Part Number(s): H8102-AB, 22-00475-01
H8102-AC, 22-00474-01

SECTION 2 - INGREDIENTS

<table>
<thead>
<tr>
<th>HAZARDOUS INGREDIENTS</th>
<th>CAS</th>
<th>%</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>CARCINOGEN LIST</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silica, Amorphous</td>
<td>7631-86-8</td>
<td>3</td>
<td>10 mg/m³</td>
<td>6 mg/m³</td>
<td>NO</td>
</tr>
<tr>
<td>Triethylene-Tetramine</td>
<td>112-24-3</td>
<td>19</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

OTHER INGREDIENTS

| Polyamide-Resin       | 37189-83-6 | 78|          |          |                 |

All chemicals contained in this product are on the U.S. TSCA inventory.

SECTION 3 - PHYSICAL AND CHEMICAL DATA

<table>
<thead>
<tr>
<th>Boiling Point</th>
<th>277°C (531°F)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solubility in Water</td>
<td>~20%</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>&lt;0.01 mmHg</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>&lt;0.01</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.98 (water = 1)</td>
</tr>
<tr>
<td>pH</td>
<td>Not available</td>
</tr>
</tbody>
</table>

SECTION 4 - FIRE AND EXPLOSION HAZARD

Auto-Ignition Temperature | Not available
Hazardous Combustion Products | Carbon monoxide, carbon dioxide, oxides of nitrogen, aldehydes, organic acids and undetermined organics
Unusual Fire or Explosion Hazards | Dense smoke and toxic gases may be produced upon combustion.
Flammable Limits | Not available
Special Fire-Fighting Procedure | Use self-contained breathing apparatus when fighting fires in confined areas.
Flash Point | 129°C (265°F)
Extinguishing Media | Dry chemical, or halon fire extinguisher, water spray, fog, foam
SECTION 5 - REACTIVITY DATA

Conditions to Avoid - Avoid mixing resin and curing agent in batches greater than one pound total. Do not heat material unless curing surfaces to be bonded. Failure to observe cautions may result in release of toxic gases.

Incompatibility - Strong oxidizing agents, strong Lewis acids mineral acids
Stability - Stable
Hazardous Decomposition Products - Not available
Hazardous Polymerization - May occur

SECTION 6 - HEALTH HAZARD DATA/TOXICOLOGICAL PROPERTIES

Hazard to Humans - Primary route of exposure is dermal. Corrosion to skin and eyes may occur. Repeat exposure may cause dermal sensitization.

Animal Experiment (Based on ingredients) -
Acute - Oral LD₅₀ - N.D. Dermal LD₅₀ - N.D. Inhalation LC₅₀ - N.D. Corrosive to the skin and eyes.
Chronic/Other - A dermal bioassay in mice has shown triethylenetetramine to not be carcinogenic. The data suggest that triethylenetetramine may be teratogenic. Triethylenetetramine is mutagenic in vitro. Information on in vivo mutagenicity is not available.

Additional Information - The TLV® for silica has been established for total dust.

SECTION 7 - EMERGENCY/FIRST AID PROCEDURE

If Inhaled - Not applicable
If on Skin - Promptly wash skin with soap and water. If irritation persists, contact a physician. Do not use other solvents to remove material from skin.
If in Eyes - Flush eyes with large quantities of water for at least 15 minutes. Contact a physician.
If Swallowed - Seek immediate medical attention.

SECTION 8 - SAFE HANDLING/PREVENTIVE MEASURES

Personal Protective Equipment - Safety glasses with side shields or goggles are required.
Engineer Control - Not needed
Waste Disposal - Cured product is nonhazardous. No special requirements.
Procedures for Leaks or Spills - Scrape up and transfer to metal container for disposal. Use rag or paper towel and detergent to clean residue.
Work Practices - Wear impervious plastic or rubber gloves included in package.
Storage Requirement - Store in a cool dry place. Do not mix in batches of greater than one pound total. Follow recommended curing procedures.
Handling Procedure/Equipment - None
Labelling - U.S.: Corrosive; Sensitizer
WHMIS Classification - Class D Division 2 Subdivision B: Toxic Class E: Corrosive

SECTION 9 - TRANSPORTATION REQUIREMENTS

Epoxy Resin Parts A and B are shipped as a single kit.
Requirements below are for the kit.
Proper Shipping Name - Triethylenetetramine (IATA/ICAO,IMO)
“Some of the ingredients in this product involve conditions and limitations as specified in 49CFR 173.4.”
Hazard Class - Corrosive, 8 (IATA/ICAO,IMO)
RQ - Not applicable

MSDS SATISFIES OSHA AND WHMIS REQUIREMENTS