Material Safety Data Sheet

IDENTITY (As Used on Label and List)

NEGATIVE RESIST NR9-1500P

Note: Blank spaces are not permitted. If any item is not applicable, or no Information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name                                                                                 Emergency Telephone Number
Futurrex, Inc. 973-579-1324

Address (Number, Street, City, State and ZIP Code) Telephone Number for Information
12 Cork Hill Road 973-579-1324

Date Prepared
Franklin, New Jersey 07416 1/19/99

Signature of Prepare (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(s)) OSHA PEL ACGIH TLV CAS Number % (optional)
Cyclohexanone 25 ppm 25ppm 108-94-1
Resins N.A. N.A. *
Sensitizers N.A. N.A. *

*All Components of the product are registered in the Chemical Substance Inventory according with the Toxic Substance Control Act.

Section III - Physical/Chemical Characteristics.

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point (°C)</td>
<td>155</td>
</tr>
<tr>
<td>Specific Gravity (H2O=1)</td>
<td>&lt;1</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg) (20°C)</td>
<td>2</td>
</tr>
<tr>
<td>Melting Point (°C)</td>
<td>-47</td>
</tr>
<tr>
<td>Vapor Density (AIR-1)</td>
<td>3.4</td>
</tr>
<tr>
<td>Evaporation Rate (Butyl Acetate=1)</td>
<td>0.31</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Negligible</td>
</tr>
<tr>
<td>Appearance and Odor</td>
<td>Yellow liquid. Characteristic odor.</td>
</tr>
</tbody>
</table>

Section IV - Fire and Explosion Hazard Data

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point (Method Used)</td>
<td>44°C (TCC) 44°C (TCC)</td>
</tr>
<tr>
<td>Flammable Limits (% volume in air)</td>
<td>1.1 12.8</td>
</tr>
</tbody>
</table>

Extinguishing Media.
Carbon dioxide, dry chemical media, alcohol-type or all-purpose-type foam.

Special Fire Fighting Procedures.
Use water spray to cool fire-exposed containers and structures. Use self contained breathing apparatus and protective coating.

Unusual Fire and Explosion Hazard.
Flammable vapors may be heavier than air and may travel long distance along the ground before igniting and may flash back to the vapor source.

Section V - Reactivity Data

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability</td>
<td>unstable</td>
</tr>
<tr>
<td></td>
<td>Conditions to Avoid</td>
</tr>
<tr>
<td></td>
<td>Avoid heat, sparks, open flame and contact with strong oxidizing agents.</td>
</tr>
<tr>
<td>Stable</td>
<td>X</td>
</tr>
</tbody>
</table>

U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072
Incompatibility (Materials to Avoid)

Hazardous Decomposition or Byproducts.

<table>
<thead>
<tr>
<th>Hazardous Polymerization</th>
<th>May Occur</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>/</td>
<td>Avoid Heat</td>
</tr>
<tr>
<td>Will Not Occur</td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

Section VI - Health Hazard Data

Route(s) of Entry: Inhalation? Skin? Ingestion?

- Yes
- Yes
- Yes

Health Hazards (Acute and Chronic)

- Inhalation: may be slightly irritating.
- Skin contact: may cause defatting and drying.
- Ingestion: liquid ingestion may result in vomiting.

Carcinogenicity: NTP? IARC Monographs? OSHA Regulated?

- No
- No
- No

Signs and Symptoms of exposure

- Inhalation: may cause dizziness, nausea and confusion.
- Eyes and skin: may cause irritation.

Emergency and First Aid Procedures

- Inhalation: remove victim to fresh air.
- Skin contact: wash with soap and water.
- Ingestion: Do not induce vomiting. Get medical attention.

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Take up spill with absorbent material and place in non-leaking containers; seal tightly for proper disposal.

Waste Disposal Method

Place in a disposal facility approved under RCRA regulation for hazardous waste.

Precautions to Be Taken in Handling and Storing

- Keep away from, sparks and open flames.
- Keep containers tightly closed.
- Store away from strong oxidizing agents in a cool and dry place.

Other Precautions

None.

Section VIII - Control Measures

Respiratory Protection (Specify Type)

- Use NIOSH-approved respirator if exposure exceeds exposure limits.

Ventilation

- Local Exhaust: Face velocity 60 fpm in confined space.
- Special: Use with exhaust equipment with discharge to outdoors.
- Mechanical (General): Explosion-proof ventilation equipment.
- Other: No smoking or open flames.

Protective Gloves

- Chemically resistant gloves.

Eye Protection

- Chemical splash goggles or face shield.

Other Protective Clothing or Equipment

- Usually not needed

Work/Hygienic Practices

Follow regulations appropriate for handling flammable chemicals.