Material Safety Data Sheet

May be used comply with
OSHA's Hazard Communication Standard
29 CFR 1910.1200. Standard must be
consulted for specific requirements

IDENTITY (As Used on Label and List)
NEGATIVE RESIST NR9-1000PY

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
Futurrex, Inc.

Emergency Telephone Number
1-800-535-5053 (U.S. and Canada)

International Emergency Phone Number
+1-352-323-3500

Address (Number, Street, City, State and ZIP Code)
24 Munsonhurst Road

Telephone Number for Information
1-888-999-4188

Date Prepared
10/28/2011

Signature of Prepare (optional)

Section II - Hazardous Ingredients/Identity Information

<table>
<thead>
<tr>
<th>Hazardous Components (Specific Chemical Identity: Common Name(s))</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>CAS Number % (optional)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cyclohexanone</td>
<td>25 ppm</td>
<td>25 ppm</td>
<td>108-94-1</td>
</tr>
<tr>
<td>Resins</td>
<td>N.A.</td>
<td>N.A.</td>
<td>*</td>
</tr>
<tr>
<td>Sensitizers</td>
<td>N.A.</td>
<td>N.A.</td>
<td>*</td>
</tr>
</tbody>
</table>

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>Boiling Point (°C)</th>
<th>Specific Gravity (H2O = 1)</th>
<th>(\text{Vapor Pressure (mm Hg)}) (20°C)</th>
<th>Melting Point (°C)</th>
<th>(\text{Vapor Density (AIR-1)})</th>
<th>Evaporation Rate (Butyl Acetate = 1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>155</td>
<td>&lt;1</td>
<td>2</td>
<td>-47</td>
<td>3.4</td>
<td>0.31</td>
</tr>
</tbody>
</table>

Solubility in Water
Negligible

Appearance and Odor
Yellow liquid. Characteristic odor.

Section IV - Fire and Explosion Hazard Data

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

ammable 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>Stability</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unstable</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>

### Incompatibility (Materials to Avoid)

<table>
<thead>
<tr>
<th>Hazardous Decomposition or Byproducts.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazardous</td>
</tr>
<tr>
<td>Polymerization</td>
</tr>
</tbody>
</table>

### Section VI - Health Hazard Data

<table>
<thead>
<tr>
<th>Route(s) of Entry:</th>
<th>Inhalation?</th>
<th>Skin?</th>
<th>Ingestion?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### Health Hazards (Acute and Chronic)

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

<table>
<thead>
<tr>
<th>Carcinogenicity:</th>
<th>NTP?</th>
<th>IARC Monographs?</th>
<th>OSHA Regulated?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

### 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.
- Mechanical (General): Explosion-proof ventilation equipment.
- Special: Use with exhaust equipment with discharge to outdoors.
- 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.

### Section IX - HMIS Hazard Rating Scale

- Health: 1 Flammability: 2 Reactivity: 0