Material Safety Data Sheet

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

IDENTITY (As Used on Label and List)
NEGATIVE RESIST NR71-1000P

Section I

Manufacturer's Name
Futurrex, Inc.

Address (Number, Street, City, State and Zip Code)
24 Munsonhurst Road
Franklin, New Jersey 07416

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

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

Telephone Number for Information
1-888-999-4188

Email
info@futurrex.com

Date Prepared
10/28/2011

Signature of Prepare (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(s)) OSHA PEL ACGIH TLV CAS No. Concentration (%)

Gamma-Butyrolactone Not established 96-48-0 50-70

Resins N.A. N.A. * 34-40

Sensitizers N.A. N.A. * <16

Section III - Physical/Chemical Characteristics

Boiling Point (°C) 204-206 Specific Gravity (H2O = 1) >1

Vapor Pressure (milibars) (20°C) 0.4 Melting Point (°C) -43.5

Vapor Density (AIR-1) >1 Evaporation Rate (Butyl Acetate=1) <1

Solubility in Water
Negligible

Appearance and Odor
Yellow liquid. Characteristic odor.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) 100-101°C (DIN 51 758) Flammable Limits. (% volume in air) LEL 2.7 UEL 15.6

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

| Stable      | X        |

Incompatibility (Materials to Avoid)

### Hazardous Decomposition or Byproducts.

<table>
<thead>
<tr>
<th>Hazardous</th>
<th>May Occur</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polymerization</td>
<td>Avoid Heat</td>
<td></td>
</tr>
</tbody>
</table>

| Will Not Occur | X |

### 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.

<table>
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<tr>
<th>Ventilation</th>
<th>Special</th>
</tr>
</thead>
<tbody>
<tr>
<td>Local Exhaust</td>
<td>Use with exhaust equipment with discharge to outdoors.</td>
</tr>
<tr>
<td>Face velocity 60 fpm in confined space.</td>
<td>Other</td>
</tr>
<tr>
<td>Mechanical (General)</td>
<td>No smoking or open flames.</td>
</tr>
<tr>
<td>Explosion-proof ventilation equipment.</td>
<td></td>
</tr>
</tbody>
</table>

Protective Gloves

- Chemically resistant gloves.
- Eye Protection
- Chemical splash goggles or face shield.

Other Protective Clothing or Equipment

- Usually not needed.

Work/Hygenic Practices

- Follow regulations appropriate for handling flammable chemicals.

### Section IX - HMIS Hazard Rating Scale

- Health: 3 Flammability: 1 Reactivity: 0