IDENTITY (As used on label and list)
TIP TINNER

SECTION I
Manufacturer’s Name
R&R LOTION
Emergency Telephone Number
480-443-9255

Address (Number, Street, City, State, Zip)
15547 N 77th Street
Scottsdale, AZ 85260

Date Prepared
November 1, 2002

SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Other Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tin</td>
<td>2.0MG/M3</td>
<td>2.0MG/M3</td>
<td>50% Optional</td>
</tr>
</tbody>
</table>

Tin (Sn) is in Suspension with Ammonium Phosphate

“Non-Hazardous” Ingredients

SECTION III - Physical/Chemical Characteristics

Boiling Point
260°C

Vapor Pressure (mm Hg)
MMHGAT 20<0.01

Melting Point
232°C-450°F

Evaporation Rate (Butyl Acetate = 1)
N/A

Solubility in Water
Tin-Insoluble
Ammonium Phosphate-Water Soluble

Appearance and Odor
Silver Paste, Low Odor when heated
450°F (150°C)

SECTION IV - Fire and Explosion Hazard Data

Flash Point (Method Used)
N/A

Flammable Limits
LEL N/A
UEL N/A

Extinguishing Media
Dry Chemical or Equivalent Type Suitable for Metal Type Fires

Special Fire Fighting Procedures
If Tin is Involved in Fire, Use Full Protective Clothing and NIOSH/MSHA Approx Self-Contained Breathing Apparatus Operated in Positive Pressure Mode.

Unusual Fire and Explosion Hazards
None
### 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>Evaporation - Open containers may change concentrations.</td>
</tr>
</tbody>
</table>

**Incompatibility (Materials to Avoid)**
- Chlorine - Turpentine

**Hazardous Decomposition or Byproducts**
- At Temperatures Above the Melting Point, Metal Oxide Fumes May Be Evolved. Use Adequate Exhaust.

**Hazardous Polymerization May Occur**
- Conditions to Avoid
  - Will not Occur

### SECTION VI - Health Hazard Data

**Routes of Entry:** Inhalation, Skin, Ingestion

**LD50**
- Inhalation
  - N/A

**LC50**
- N/A

**Health Hazards (Acute and Chronic)**
- Fumes Emitted During Use Can Cause Headache and Irritation of Mucous Membranes in the Eyes and Respiratory System.

**Carcinogenicity:**
- NTP
- IARC Monographs
- OSHA Regulated

*Not Listed as a Carcinogen By NTP, OSHA, ACGIH*

**Signs and Symptoms of Exposure:**
- Medical Conditions Generally Aggravated by Exposure:
  - Only When Heated

**Emergency and First Aid Procedures:**
- Normal Hygiene and First Aid Procedures. (Wash with Soap and Water). Flush Eyes with Plenty of Water. Remove Victim to Fresh Air.

### SECTION VII - Precautions for Safe Handling and Use:

**Steps to Be Taken in Case Material is Released or Spilled:**
- Scoop or Sweep Up and Discard.

**Waste Disposal Method**
- According to Local Regulations, Tin May Have Value on Recycle Basis if Disposed of in a Permitted Disposal Site in Accordance with all Federal State and Local Disposal Regulations.

**Precautions to Be Taken in Handling and Storing:**
- Avoid temperatures > 110 F

**Other Precautions**
- Avoid Breathing Fumes Generated During Use.

### SECTION VIII - Control Measures

**Respiratory Protection (Specify Type)**
- Usually Not Required. When Ventilation Is Not Adequate, Remove Smoke From Breathing Zone.

**Ventilation:**
- Local Exhaust
  - Provide Adequate Ventilation to Meet TLV
  - Mechanical (General)

**Protective Gloves**
- N/A

**Eye Protection**
- N/A

**Other Protective Clothing or Equipment**
- N/A

**Work/Hygienic Practices**
- Wash Hands Thoroughly Before Eating or Smoking.

### NFPA Rating:

<table>
<thead>
<tr>
<th>Health</th>
<th>Flammibility</th>
<th>Reactivity</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0</td>
<td>0</td>
<td>X</td>
</tr>
</tbody>
</table>

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