

Material Safety Data Sheet

May be used to comply with

OSHA's Hazard Communication Standard (Non-Mandatory Form)

29 CFR 1900, 1200 Standard must be

consulted for specific requirements.**U.S. Department of Labor**

Occupational Safety and Health Administration

Form Approved

OMB No. 1218-0072**IDENTITY (As used on label and list)**

TIP TINNER

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**R&R LOTION**Emergency Telephone Number**480-443-9255**Address (Number, Street, City, State, Zip) Telephone Number for Information**

15547 N 77th Street

480-443-9255Scottsdale, AZ 85260**Date Prepared**November 1, 2002**SECTION II - Hazardous Ingredients/Identity Information****Hazardous Components**

(Specific Chemical Identity: <u>Common Names</u>)	OSHA PEL	ACGIH TIV	Other Limits Recommended	%Optional
<u>50% Tin</u>	<u>CAS NO 7440-31-5</u>	<u>2.0MG/M3</u>	<u>2.0MG/M3</u>	<u>50%</u>
<u>Tin (SN) is in Suspension with Ammonium Phosphate CAS NO 7783-28-0 "Non-Hazardous" Ingredients</u>				

SECTION III -Physical/Chemical Characteristics**Boiling Point**260C**Specific Gravity (H₂O = 1)**Solid**Vapor Pressure (mm Hg)**MMHGAT 20<0.01**Melting Point**232 C-450 F**Vapor Density (AIR =1)**N/A**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) Flammable Limits**NoneN/A**LEL****UEL**N/AN/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 HazardsNone

SECTION V - Reactivity Data**Stability Unstable****Conditions to Avoid**Evaporation - Open containers may change concentrations.**Stable**X**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**X**Will not Occur**X**SECTION VI - Health Hazard Data****Routes of Entry:****Inhalation****Skin****Ingestion**LD50LC50**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****Special**Provide Adequate Ventilation to Meet TLV**Mechanical (General)****Other****Protective Gloves****Eye Protection**

N/A

N/A

Other Protective Clothing or EquipmentN/A**Work/Hygienic Practices**Wash Hands Thoroughly Before Eating or Smoking.**NFPA Rating:****Health****1****Flammability****0****Reactivity****0****Personal Protection****X**

