

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

260CSpecific 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

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

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

LD50

LC50

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 Equipment

N/A

Work/Hygienic Practices

Wash Hands Thoroughly Before Eating or Smoking.

NFPA Rating:

Health

1

Flammability

0

Reactivity

0

Personal Protection

X

