

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
Scottsdale, AZ 85260

480-443-9255**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 (H 2 O= 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 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 Polmerization 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 Sytoms 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

Flammibility

Reactivity

Personal Protection

1

0

0

X

