

**SAFETY DATA SHEET**

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Tip Tinner

Date Issued July 27, 2015

**1. PRODUCT AND COMPANY IDENTIFICATION****Safety Data Sheet**

May be used to comply with  
 OSHA's Hazard Communication Standard  
 29 CFR 1900, 1200 Standard must be  
 Consulted for specific requirements.

**U.S. Department of Labor**

Occupational Safety and Health Administration  
 (Non-Mandatory Form) Form Approved  
 OMB No. 1218-0072

**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.

**PRODUCT NAME:** Tip Tinner, P/N TIP-T or TIP-2

**PRODUCT DESCRIPTION:** Tinning or solder coating soldering iron tips.

**MANUFACTURER**

R&R Lotion Inc  
 15547 N. 77<sup>th</sup> Street  
 Scottsdale AZ 85260  
**Emergency Contact** 1-888-860-7424  
**Service Number** 1-888-860-7424

**2. HAZARDOUS IDENTIFICATION INFORMATION**

## SECTION 2. HAZARDS IDENTIFICATION

**GHS Classification**

Eye Irritation:	Category 2B
Skin Irritation:	Category 3
Acute Toxicity: Oral	Category 5
Acute Toxicity: Inhalation	Category 5

**GHS Label element:** No Pictograms

Signal Word: Warning

Hazard Statement:

- H320 Causes eye irritation
- H316 Causes mild skin irritation
- H303 May be harmful if swallowed
- H333 May be harmful if inhaled

Precautionary Statements

**Prevention:**

P101: If medical advice is needed, have product container or label at hand.  
 P102: Keep out of reach of children.  
 P103: Read label before use.

**Response:**

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P305 + P351 + P338 +P310 IF ON EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do, Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

P308 + P313: IF exposed or concerned: Get medical advice/attention. P302 + P352: IF ON SKIN: Wash with plenty of soap and water.

P301 + P312 + P331: IF SWALLOWED: Call a POISON CENTER/doctor/physician if you feel unwell. DO NOT induce vomiting.

P260 + P304 + P312: IF INHALED: Do not breathe dust/fumes/gas/mist/vapors/spray. Call a POISON CENTER or doctor/physician if you feel well.

**Storage**

Follow label guidelines

**Other Hazards**

None Known

**3. COMPOSITION INFORMATION ON INGREDIENTS***NA-Not Applicable NE- Not Established*

<b>Hazardous Ingredients</b> (1% or greater carcinogens 0.1% or greater)	<b>WT.%</b>	<b>C.A.S Number</b>	<b>OSHA PEL</b>	<b>ACGIH TIV</b>	<b>Other Limits Recommended</b>	<b>%Optional</b>
Tin	36	7440-31-5	2.0MG/M3	2.0MG/M3	NA	50
Ammonium Phosphate	12.1	7722-76-1	NE	NE	NA	NE
Diamonium Phosphate	18	7783-28-0	NE	NE	NA	NE
<b>Non-Hazardous Ingredients</b>						
Surfactant	<1	7757-82-6, 7732-18-5, 91-20-3				

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**4. FIRST AID MEASURES**

**Eyes:** Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

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- Skin:** Wash with soap and water. Get medical attention if irritation develops or persists. Remove contaminated clothing.
- Ingestion:** If swallowed, do not induce vomiting. If conscious and alert, give two glasses of water. Seek medical attention.
- Inhalation:** If exposed to excessive levels of dusts or fumes remove and get medical attention if cough or other symptoms develop.

## 5. FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Flammable Limits	LEL	UEL
<u>NONE</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>

**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

## 6. ACCIDENTAL RELEASE MEASURES

**General Procedures:** Scoop or sweep up material and place in disposal container.

**Steps to Be Taken in Case Material is Released or Spilled:** Scoop or sweep up material and place in disposal container.

**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

**General Comments:** Dispose of in a manner consistent with federal, state, and local regulations.

## 7. PRECAUTIONS FOR SAFE HANDLING AND USE

**Storage:** Store in a cool place in original Container, protect from direct sunlight.

**Storage Pressure:** Store at local atmospheric pressure.

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

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

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

**Respiratory Protection:** Usually not required but when ventilation is not adequate a safety approved respirator or self-contained breathing apparatus should be worn.

**Ventilation:** Provide adequate ventilation if necessary to meet exposure requirements

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**Local Exhaust:** Provide adequate ventilation to minimize smoke and fumes in the workplace

**Mechanical (General)**

**Protective Gloves:** Usually not required

**Eye Protection:** Safety glasses or goggles should be used

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

**Other:** Wash Hands Thoroughly Before Eating or Smoking. Avoid contact with eyes and skin

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Boiling Point:</b>	260C	<b>Specific Gravity (H<sub>2</sub>O= 1) Solid</b>
<b>Melting Point:</b>	232C, 450 F	<b>Vapor Pressure (mm Hg):</b> N/A
<b>Vapor Density (AIR =1):</b>	MMHGAT 20<0.01	<b>PH:</b> 6
<b>Evaporation Rate (Butyl Acetate = 1)</b>	N/A	
<b>Solubility in Water:</b>	Tin-Insoluble, Ammonium Phosphate-Water Soluble	
<b>Appearance and Odor:</b>	Grey Solid, Low Odor When Heated	

### 10. STABILITY AND REACTIVITY

**Stability:** \_\_\_Unstable \_\_\_X\_\_\_Stable

**Incompatible Materials and Conditions to Avoid:** Strong oxidizing materials

**Hazardous Decomposition Products:** When heated to solder melting temperature, thermal degradation products may include ammonia, aliphatic aldehydes and acids.

**Conditions to Avoid:** N/A

**Evaporation:** Open Containers may change concentrations

**Hazardous Polymerization:** \_\_\_May Occur \_\_\_X\_\_\_Will Not Occur

### 11. TOXICOLOGY INFORMATION

Not determined for this product. See section 2 for ingredients

### 12. ECOLOGICAL INFORMATION

No data available

### 13. DISPOSAL INFORMATION

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**Disposal Method:** Federal, State and Local laws governing disposal of materials can differ. Ensure Compliance with proper authorities before disposal.

**General Comments:** Dispose of in a manner consistent with federal, state, and local regulations.

**14. TRANSPORT INFORMATION****DOT (Department of Transportation):**

PROPER SHIPPING NAME: Non-Regulated

PRIMARY HAZARD CLASS/DIVISION: No Classification

UN/NA NUMBER: N/A

PACKING NUMBER: N/A

**AIR:**

PROPER SHIPPING NAME: Non-Regulated

PRIMARY HAZARD CLASS/DIVISION: No Classification

UN/NA NUMBER: N/A

PACKING NUMBER: N/A

**VESSEL:**

PROPER SHIPPING NAME: Non-Regulated

PRIMARY HAZARD CLASS/DIVISION: No Classification

UN/NA NUMBER: N/A

PACKING NUMBER: N/A

**TDG Canada:** Not Regulated**15. REGULATORY INFORMATION****USA:**

All chemical substances in this product are listed in the EPA (Environmental Protection Agency) and the TSCA (Toxic Substances Control Act) Inventory)

**SARA Hazardous Category:**

This product has been reviewed according to the EPA hazard categories under Section 311 & 312 of the Superfund Amendment and Reorganization Act of 1986 and is considered under applicable definitions to meet the following category: Not to have met any hazardous category.

**TOXIC Substance Control Act (TSCA):**

All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

**California Prop 65:** None**CANADA:****WHMIS REGULATIONS**

The Canadian workplace hazardous materials information system classification for this product is, "This product has been classified in accordance with the hazard criteria of the Canadian Controlled Product Regulations (CPR) and the MSDS contains all the information required by the CPR.

**EU:****REACH SVHC (Substances of Very High Concern):**Dangerous Substances Hazard Classification- X Irritant

R-Phases (Risks to Humans or the Environment)

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-R36/37-Irritating to eyes and respiratory system.

S-Phases (Safety Precautions for storing, handling and using the product)

-S 2- Keep out of the reach of children

-S 25/25- Avoid contact with skin and eyes

-S 26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

**16. OTHER INFORMATION**

**Approved by:** Fletcher Rich

**Title:** Operations Manager

**HMIS Rating:** Health 1, Reactivity 0, Flammability 0, Personal Protection X

**NFPA CODES:****Health**1**Flammability**0**Physical Hazard**0**Personal Protection**0

**Manufacturer Disclaimer:** To the best of our knowledge, the information contained herein is accurate. However, neither **R&R Lotion, nor any of its subsidiaries** assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazardous are described herein, we cannot guarantee that these are the only hazards, which exist.