

# SAFETY DATA SHEET

## SUPERIOR No. 132

DATE REVISED: October 16, 2018

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### SECTION 1 -- IDENTIFICATION

**Product Name/Part number:** Superior No. 132

**Recommended use:** Rosin Flux Paste

**Manufacturer:** Superior Flux & Mfg. Co.  
6615 Parkland Blvd  
Cleveland OH, 44139

**Emergency Contact:** CHEMTREC  
**Emergency Phone:** 1-800-424-9300  
**For other info:** (440) 349-3000

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### SECTION 2 – HAZARD(S) IDENTIFICATION

**Classification of the substance or mixture**

**GHS Classification in accordance with OSHA HCS (29 CFR 1910)**

Acute toxicity, Oral (Category 4)	H302
Skin irritation (Category 2)	H315
Skin sensitization (Category 1)	H317
Serious eye damage (Category 1)	H318
Specific target organ toxicity – Single exposure, Respiratory system (Category 3)	H335
Specific target organ toxicity – Repeated exposure, Inhalation, Lungs (Category 1)	H372
Specific target organ toxicity – Repeated exposure, Oral, Kidney (Category 2)	H373
Acute aquatic toxicity (Category 3)	H402

*See below for full text of H-Statement*

**GHS Label Elements, including precautionary statements**

**Pictogram(s):**



**Signal Word:** Danger

**Hazard Statement(s)**

**H302	Harmful if swallowed
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H335	May cause damage to respiratory system
H372	Causes damage to lungs through prolonged or repeated exposure if inhaled.
H373	May cause damage to kidney through prolonged or repeated exposure if swallowed.
H402	Harmful to aquatic life.

\*\*May be omitted from label due to presence of stronger/stricter statement.

**Precautionary statement(s)**

- P260 Do not breathe dust, fumes, mist, vapours, or spray.  
P264 Wash skin thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P271 Use only outdoors or in a well-ventilated area.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P280 Wear protective gloves and eye protection.  
P301+P312+P330 IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.  
Rinse mouth.  
P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P312 Call a POISON CENTER or doctor if you feel unwell.  
P332+P313 If skin irritation occurs: Get medical advice.  
P337+P313 If eye irritation persists: Get medical attention.  
P362 Take off contaminated clothing and wash before reuse.  
P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
P405 Store locked up.  
P501 Dispose of contents to an approved waste disposal plant

**Hazards not otherwise classified or not covered by GHS:** None

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**SECTION 3 – COMPOSITION INFORMATION**

<b>Components</b>	<b>CAS Number</b>	<b>%</b>
Rosin	8050-09-7	20-50
Benzoic acid	65-85-0	5-10
Dimethylamine hydrochloride	506-59-2	<5
Ethylene glycol	107-21-1	<5

Unlisted percentages are non-hazardous stabilizers, and water.

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## SECTION 4 – FIRST AID MEASURES

### Description of first aid measures

- General advice:** Consult a physician. Show this safety data sheet to the doctor in attendance.  
Move out of dangerous area.
- Inhalation:** If breathed in, move to fresh air. If not breathing, give artificial respiration. Consult a physician.
- Eyes:** Rinse thoroughly with plenty of water for at least 15 minutes.
- Skin:** Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.
- Ingestion:** Rinse mouth with water. Never give anything by mouth to an unconscious person.  
Rinse mouth with water. Consult a physician immediately.

### Most Important Symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in section 2 (labeling)

**Medical Conditions Generally Aggravated by Exposure:** Any weakness of the lungs, kidneys or liver will be aggravated.

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## SECTION 5 – FIREFIGHTING MEASURES

**Suitable Extinguishing Media:** Use dry chemical, carbon dioxide foam

**Special Hazards:** No data available

**Special protective actions for firefighters:** Wear self-contained breathing apparatus for firefighting if necessary.

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## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Personal Precautions and Equipment and emergency procedures:** Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. *See section 8 for personal protection.*

**Environmental Precautions:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

**In Case Material is spilled:** Contain spillage, then collect by wet-brushing and place in container for disposal according to local regulations.

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## SECTION 7 - HANDLING AND STORAGE

**Precautions for safe handling:** Avoid contact with skin and eyes. Provide adequate and appropriate ventilation for fumes when using this product.

**General Precautions:** Do not eat, drink, or smoke while using this product. Wash hands after use.  
Remove contaminated clothing and protective equipment before entering eating areas.

*For full precaution statements see Section 2*

**Storage Requirements:** Keep container tightly closed in a dry and well-ventilated place.  
Containers which are opened must be carefully resealed and kept upright to prevent leakage.

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## **SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION**

### **CONTROL PARAMETERS**

**OSHA Permissible Exposure Limit (PEL):** 1 mg/m<sup>3</sup>

**ACGIH Threshold Limit Value (TLV):** 1 mg/m<sup>3</sup>

**Engineering Controls:** Use local exhaust ventilation to maintain air concentrations of vapors and fumes below occupational exposure standards.

**Special Engineering Control Needs:** No data available

**Respiratory Protection:** For nuisance exposures use type P95 (US) respirator. For higher level protection use type OV/AG/P99 respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (USA) or CEN (EU).

**Protective Gloves:** Handle with gloves. (Nitrile Rubber recommended) Gloves must be inspected prior to use. Use proper glove removal techniques (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good lab practices. Wash and dry hands after handling.

**Eye Protection:** Use tightly fitting safety goggles. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (USA) or EN 166 (EU)

**Body Protection:** Complete suit protecting against chemical, flame retardant protective clothing recommended. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace

If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

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## SECTION 9 - PHYSICAL AND CHEMICAL CHARACTERISTICS

<b>Appearance</b>	Amber paste
<b>Odor</b>	Mild
<b>Odor threshold</b>	No data available
<b>pH</b>	Not applicable
<b>Melting point/Freezing point</b>	49°C/120°F
<b>Initial boiling point and boiling range</b>	No data available
<b>Flash point</b>	No data available
<b>Evaporation rate</b>	Not applicable
<b>Flammability (Solid, gas)</b>	No data available
<b>Upper flammability or explosive limits</b>	Upper explosion limit: No data available
<b>Lower flammability or explosive limits</b>	Lower explosion limit: No data available
<b>Vapor pressure</b>	No data available
<b>Vapor density</b>	No data available
<b>Relative density</b>	1.20 (Water = 1)
<b>Solubility(ies)</b>	Minimal
<b>Partition coefficient: n-octanol/water</b>	No data available
<b>Auto-ignition temperature</b>	No data available
<b>Decomposition temperature</b>	No data available
<b>Viscosity</b>	No data available

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## SECTION 10 - STABILITY AND REACTIVITY

**Reactivity:** No data available

**Stability:** Product is stable under recommended storage conditions

**Possibility of hazardous reactions:** No data available

**Conditions to Avoid:** Excessive heat

**Incompatibility:** No data available

**Hazardous Decomposition Products** Hydrogen chloride gas, carbon monoxide, carbon dioxide  
(Under fire conditions)

*In the event of fire: See Section 5*

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## SECTION 11 - TOXICOLOGICAL INFORMATION

**Likely Route(s) of Exposure:** Inhalation, ingestion, skin and eye contact

**Symptoms (Immediate and Chronic) from**

**Acute Exposure** No data available

**Prolonged or Repeated Exposure** No data available

**Measure(s) of toxicity**

No data available

**IARC:** No component of this product is present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**NTP:** No component of this product is present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**OSHA:** No component of this product is present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA

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## SECTION 12 - ECOLOGICAL INFORMATION

**Toxicity**

No data available

**Persistence and degradability**

No data available

**Bioaccumulative potential** No data available

**Mobility in soil** No data available

**Other adverse effects**

No data available

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## SECTION 13 - DISPOSAL CONSIDERATIONS

**Waste treatment methods**

**Product** Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

**Contaminated packaging** Dispose of as unused product.

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## SECTION 14- TRANSPORTATION

**D.O.T. (USA)**

**Proper Shipping Name:** Non-hazardous

**Identification Number:** N/A

**Packing Group:** N/A

**Special Precautions to Note:**

N/A

**Hazard Class(es):** N/A

**Reportable Quantity (RQ):** N/A

**Environmental Hazards**

**Marine Pollutant?** N/A

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## SECTION 15 - REGULATORY INFORMATION

<b>SARA 302 Components</b>	No Chemicals in this material are subject to the reporting requirement of SARA Title III, Section 302.	
<b>SARA 313 Components</b>	The following components are subject to reporting levels established by SARA Title III, Section 313	
	<b>CAS No.</b>	<b>Revision Date:</b>
Rosin	8050-09-7	03/01/2007
<b>SARA 311/312 Hazards</b>	Skin sensitization	

### California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

**THIS PRODUCT IS ROHS 3 COMPLIANT**

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## SECTION 16 - OTHER INFORMATION

### Further information:

Judgments as to the suitability of information herein or the purchaser's purposes are necessarily the purchaser's responsibility. The above information does not represent any guarantee of the properties of the product. It is believed to be correct, but does not purport to be all inclusive and should be used only as a guide. Reasonable care has been taken in the preparation of this material, and is based on the present state of our knowledge.

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### Preparation information

Superior Flux & Mfg. Co.  
440-349-3000

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