

MATERIAL SAFETY DATA SHEET

SUPERIOR WRMAP CORE FLUX

DATE REVISED: January 1, 2014

Product Name: Superior WRMAP Core Flux

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

Emergency Phone Number: 1-800-424-9300 (CHEMTREC)

Other Information Calls: (440) 349-3000

To the Purchaser: This MSDS contains important environmental, health, and toxicology information for your employees who have ordered this product. Please be sure this information is given to them. If you resell this product, a copy of the MSDS should be given to the buyer.

H.M.I.S. INFORMATION: HEALTH = 1 FLAMMABILITY = 0 REACTIVITY = 0

SECTION I – IDENTIFICATION

Common Name: Superior WRMAP Core Flux

Chemical Family: Rosin Mildly Activated (RMA) Core Flux

CAS Number: NA

Chemical Name: NA

Formula: See below

SECTION II - COMPOSITION INFORMATION

Components	CAS Number	%	OSHA PEL
Gum Rosin	8050-09-7	75-99	10 mg/m ³

Unlisted percentages are non-hazardous stabilizers, and water. None of the materials in this product are listed in NTP, IARC, or OSHA as carcinogens.

SECTION III - HEALTH HAZARDS

Primary Routes of Entry: Fume inhalation, ingestion, skin, and eyes.

Symptoms of Overexposure: Dizziness, blurred vision, headache, irritation of mucous membranes, loss of appetite, and inability to concentrate. Can be fatal if swallowed.

Medical Conditions Generally Aggravated by Overexposure: Skin conditions, kidney or liver diseases, or central nervous system.

Chemical Listed as a Carcinogen or Potential Carcinogen: None

OSHA Permissible Exposure Limit (PEL): 10 mg/m³

ACGIH Threshold Limit Value (TLV): 10 mg/m³

SECTION IV - EMERGENCY AND FIRST AID PROCEDURES

Eyes: Flush with water for 15 minutes. Call a physician.

Skin: Wash affected area in soap and water. If burned, rinse affected area in cold water to cool.

Inhalation: Remove to fresh air. If necessary, call a physician.

Ingestion: Drink water and contact a physician immediately.

SECTION V - FIRE AND EXPLOSION HAZARD DATA

Flash Point: >260°F

Flammable Limits: NA

Extinguishing Media: Water, spray, foam, dry extinguisher, CO₂

Auto Ignition Temperature: NA

Special Fire Fighting Procedures: Wear protective clothing, including NIOSH approved self-contained breathing apparatus

Unusual Fire and Explosion Hazards: None

SECTION VI - ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is spilled: Avoid breathing dust; if molten wear protective clothing to prevent contact with skin.

SECTION VII - HANDLING AND STORAGE

Storage Requirements: Store in plastic containers in cool area. Do not store in glass containers.

Handling Precautions: Safe precautionary practices.

Other Precautions: Keep away from electrical sparks, heat, open flame or oxidizing agents.

SECTION VIII - CONTROL MEASURES

Respiratory Protection (TYPE): NIOSH approved respirator.

Ventilation: Yes

Mechanical (General): Yes

Local Exhaust: Yes

Eye Protection: Safety glasses

Protective Gloves: Recommended, NIOSH approved

Other Protective Clothing or Equipment: Rubber apron is recommended

SECTION IX - PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling Point: 200°F

Specific Gravity (Water = 1): NA

Vapor Pressure (mm Hg): NA

Percent Volatile by Volume: NA

Vapor Density (Air = 1): NA

Evaporation Rate (Butyl Acetate = 1): NA

Melting Point: NA

Solubility in Water: <1

Reactivity in Water: None

Appearance and Odor: Amber color, ethereal odor

SECTION X - STABILITY AND REACTIVITY

Stability: Product is stable

(Conditions to Avoid): NA

Incompatibility: None known

Hazardous Decomposition Products: Carbon monoxide may be produced during thermal decomposition.

Hazardous Polymerization: Will not occur

(Conditions to Avoid): NA

SECTION XI - TOXICOLOGICAL INFORMATION

Acute Toxicity Data

- 1) **Oral:** LD-50 (rat): Not available
- 2) **Inhalation:** LC-50 (rat): Not available
- 3) **Dermal:** LD-50 (rabbit): Not available
- 4) **Skin Irritation:** (rabbit): Not available

Chronic Toxicity Data

- 1) **Repeated Skin Application:** (rat): Not available
- 2) **Eye Irritation:** (rabbit): Not available

SECTION XII - ECOLOGICAL INFORMATION

This material has not been tested for environmental effects.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of in accordance with EPA regulations

SECTION XIV- TRANSPORTATION

D.O.T. Proper Shipping Name: Non-hazardous

Identification Number: NA

Hazard Class: NA

Type D.O.T Label Required Information: NA

Packing Group: NA

Waste Disposal Method: Dispose in accordance with EPA regulations.

SECTION XV - REGULATORY INFORMATION

OSHA Hazardous Chemical According to 29 CFR 1910.1200: NA

Carcinogenicity Classification: (Components Present at 0.1% or More)

International Agency for Research on Cancer (IARC): NA

American Conference of Governmental Industrial Hygienists (ACGIH): NA

National Toxicology Program (NTP): NA

Occupational Safety and Health Administration (OSHA): NA

All Components of this Product are Listed on the U.S. Toxic Substances Control Act Inventory or Otherwise Comply with TSCA Pre-manufacture Notification Requirements.

This Product is RoHS Compliant.

SECTION XVI - OTHER INFORMATION

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