

# SAFETY DATA SHEET

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## SECTION 1: Identification of the substance

- 1.1 PRODUCT IDENTIFIER: MOIST METAL GRIP curing agent  
GHS PRODUCT IDENTIFIED: Global Harmonized System #3208.90.0000
- 1.2 PRODUCT USE: Cover and protect all metal surfaces above & below waterline
- 1.3 SUPPLIER: SUPERIOR PRODUCTS INT'L II, INC.  
10835 W. 78th St., Shawnee, KS 66214 USA
- 1.4 EMERGENCY TELEPHONE NUMBER: 800-424-9300; 202/483-7616

## SECTION 2: Hazard identification

- 2.1 Classification of the substance: Flammable liquids-Category 3. Acute toxicity (oral/inhalation)-Category 4. Skin irritation-Category 2. Serious eye damage/irritation-Category 1. Skin sensitizer-Category 1. Aspiration hazard-Category 1.

- 2.2 Label elements: Signal Word: DANGER

Hazard Symbol:



Hazard Statement: Flammable liquid and vapor. Harmful if swallowed (oral). Harmful if inhaled (gas, vapour, dust, mist). May cause respiratory irritation or damage to organs through prolonged or repeated exposure. May be fatal if swallowed and enters airways.

## SECTION 3: Composition/information on ingredients

3.2	<u>Ingredient compositions</u>	%	<u>CAS/PIN</u>	<u>Ingredient compositions</u>	%	<u>CAS/PIN</u>
	Xylene	35	1330-20-7	Ethyl Benzene	<1%	100-41-4
	1-Butanol	13	71-36-3	Cumene	<0.1%	98-82-8
	Bisphenol Epoxy curing agent	50	90640-67-8			

## SECTION 4: First aid measures

- 4.1 Description of first aid measures
- INHALATION: Remove to fresh air. Give oxygen if required. Seek medical help, if needed.
- EYES: Flush w/water for at least 15 minutes; see physician.
- SKIN: Remove contaminated clothing; wash affected areas w/mild soap & water.
- INGESTION: Do not induce vomiting. Give 1-2 glasses milk or water. Seek medical attention according to amount of product ingested.

## SECTION 5: Firefighting measures

- 5.1 Extinguishing media: Dry chemical--monoammonium phosphate, potassium chloride, carbon dioxide, high expansion (protenic) chemical foam, water spray for large fires
- 5.2 Special hazards arising from the substance or mixture:  
Hazardous combustion products: Carbon monoxide, aldehydes, fumes  
Autoignition Temperature.: >488C. degrees  
Flash point: 26.6C. TCC  
Sensitivity to static discharge? NAV  
Sensitivity to mechanical impact? NAV  
Conditions of flammability: Spraying/activities that create finely divided droplets around open flame
- 5.3 Advice for firefighters: Firefighters should wear full-body protection & SCBA
- Minimum ignitions energy: 6.1%  
Flammable limits: (Lower) 1.4% / (Upper) NAV%

## SECTION 6: Accidental release measures

- 6.1 Personal precautions: Use protective clothing; use non-sparking tools. Product may form flammable vapour-air mixture so take measures against build up of static discharge.
- 6.3 Methods of cleanup: Use kitty litter or similar absorbent to contain spill. Neutralize w/solution of 80% water/20% Tergitol TMN-10.

## SECTION 7: Handling and storage

- 7.1 Precautions for safe handling: Ground all containers; use non-sparking tools. Avoid contact with skin, eyes or clothing. Empty containers may contain residual liquid or vapors and should not be pressurized, cut, welded or exposed to ignition sources.
- 7.2 Conditions for safe storage: Keep container tightly closed in a dry and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition. Keep away from children.



**SECTION 8: Exposure Controls/personal protection**

- 8.1 Control parameters: To be worn when spraying or within contained areas--Half-face respirator w/organic vapor filter, safety glasses w/shields, PVA or nitrile chemical-resistant gloves, skin protection; for all other applications, good judgement should be used.  
ENGINEERING CONTROLS: To spray, mechanical exhaust ventilation is required.

**SECTION 9: Physical and Chemical Properties**

- 9.1 Information on basic physical and chemical properties:  
 PHYSICAL STATE: Liquid SOLUBILITY IN WATER: Insoluble pH: NAP  
 APPEARANCE AND ODOR: Amber-clear, aromatic solvent order FREEZING POINT: NAP  
 BOILING POINT: >241C. deg. SPECIFIC GRAVITY: 1.0 ODOR THRESHOLD: NAV  
 COEFF. WATER/OIL: NAV EVAPORATION RATE: 0.85% VOLATILES BY WGT: 40-50%  
 VAPOUR DENSITY (Air=1): 1.0 VAPOUR PRESSURE: NAV DENSITY: 7.8 lbs./gal (avg)  
 PERCENT SOLIDS BY VOLUME: 45-55%

**SECTION 10: Stability and reactivity**

- 10.1 Conditions of Reactivity: by high heat or fire  
 10.2 Conditions of Instability: Stable under normal conditions  
 10.3 Possibility of hazardous reactions: None known. 10.4 Conditions to avoid: None known.  
 10.5 Incompatible materials: Oxidizing materials, amines, alcohols  
 10.6 Hazardous decomposition products: By high heat/fire--carbon dioxide, carbon monoxide, fumes, smoke, aldehydes

**SECTION 11: Toxicology Information**

- 11.1 Information on toxicological effects:  
Acute toxicity - oral: If swallowed: HARMFUL OR FATAL - Causes chemical burns of mouth and stomach; corrosive to gastrointestinal tract; Paleness and cyanosis of the face; Excessive fluid in the mouth and nose; Bloating of stomach and belching; Nausea and vomiting; Risk of chemical pneumonitis and pulmonary edema  
Acute toxicity - inhalation: Vapors or mist can cause irritation. People with asthma or lung problems may be more affected; smokers.  
Acute toxicity - dermal: May cause TEMPORARY skin discoloration and irritation. May cause severe eye damage.  
Health effects to over exposure to CONCENTRATE: Corrosive to mucous membranes, eyes and skin. The seriousness of the lesions and the prognosis of intoxication depend directly upon the concentration and duration of exposure.

**SECTION 12: Ecological Information**

- 12.1 Toxicity  
 Air: 3.65 lbs./gallon; Reactive-430 VOC\* (see other) Water: Insoluble in water  
 Soil: Lead- and chromate-free, not hazardous under RCRA 40CFR

**SECTION 13: Disposal considerations**

- 13.1 Waste treatment methods: Incineration preferred. Dispose of as paint/aluminum waste according to local regulations.

**SECTION 14: Transport information**

- 14.1 UN number: 1263 14.2 UN proper shipping name: Paint Related Material  
 14.3 Transport hazard class: Class 3 14.4 Packing Group: III  
 Product is considered hazardous material, to be handled according to IATA regulations

**SECTION 15: Regulatory information**

- 15.1 Safety, health and environmental regulations/legislation specific for the substance: No listed materials under Superfund Amendments & Reauthorization Act of 1988 (SARA) 302, 304, 311, 312. Meets European codes under Article 59(10) of the Reach regulation.

**SECTION 16: Other information**

\*Product is compliant with many national and local VOC content regulations. However, because manufacturer is not familiar with all local VOC requirements, the user is responsible for understanding the local VOC rules and for verifying that the product selections meet the most current VOC requirements of the area in which the products are to be used.