

# SAFETY DATA SHEET

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## SECTION I - PRODUCT INFORMATION:

PRODUCT IDENTIFIER: RUST GRIP ULVOC  
GHS PRODUCT IDENTIFIED: Global Harmonized System #3208.90.0000  
MANUFACTURER: SUPERIOR PRODUCTS INT'L II, INC.  
ADDRESS: 10835 W. 78th St., Shawnee, KS 66214  
PRODUCT USE: Corrosion coating protection for steel and concrete surfaces  
EMERGENCY TELEPHONE NUMBER: 800-424-9300; 202/483-7616



## SECTION II - HAZARD IDENTIFICATION:

The product is a flammable, solvent-based product and should be treated according to all known safety precautions. Refer to Section VII for Storage and Handling recommendations, Section VIII for Personal Protection, Section XIV for transport.

## SECTION III - HAZARDOUS INGREDIENTS:

<u>HAZARDOUS INGREDIENTS</u>	<u>%</u>	<u>CAS/PIN</u>	<u>ACGIH-TLV-TWA</u>	<u>OSHA PEL</u>
Solvent Naphtha Heavy Aromatic	<5%	64742-94-5	N/A	100ppm
Isocyanate Prepolymer	30-50%	Proprietary	N/A	N/A
Parachlorobenzotrifluoride	40-60%	95-56-6	N/A	N/A
Aluminum Powder	10-20%	7429-90-5	1 mg/m <sup>3</sup>	15 mg/m <sup>3</sup>
Diphenylmethane Diisocyanate (MDI)	<20%	101-68-8	.005ppm	N/A

## SECTION IV - 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 V - FIREFIGHTING MEASURES:

**CONDITIONS OF FLAMMABILITY:** Spraying/activities that create fine mist

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon monoxide, isocyanate-based fume

**AUTOIGNITION TEMP.:** 214C. degrees

**MINIMUM IGNITION ENERGY:** 6.1% **FLASH POINT & METHOD:** 116F. TCC

**FLAMMABLE LIMITS: (Lower)** 1.4% **(Upper)** NAV%

**SENSITIVITY TO STATIC DISCHARGE?** Yes

**SENSITIVITY TO MECHANICAL IMPACT?** Possible due to aluminum content

**SPECIAL PROCEDURES:** Firefighters should wear full-body protection & SCBA

**MEANS OF EXTINCTION:** Foam, dry chemical, carbon dioxide; water fog to cool containers exposed to heat.

## SECTION VI - ACCIDENTAL RELEASE MEASURES:

Use kitty litter or similar absorbent to contain spill. Neutralize w/solution of 80% water/20% Tergitol TMN-10. Use protective clothing; use non-sparking tools.

## SECTION VII - HANDLING AND STORAGE:

**Storage Requirements:** Maintain temperature between 32-122F. degrees; average shelf life is 3 years @ 77F. degrees.

**Handling Procedures/Equipment:** Ground all containers; use non-sparking tools.

NAP = Not Applicable

NAV = Not Available

**SECTION VIII - EXPOSURE CONTROLS AND PERSONAL PROTECTION:**

**PERSONAL PROTECTIVE EQUIPMENT:** 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 IX - PHYSICAL AND CHEMICAL PROPERTIES:**

**PHYSICAL STATE:** Liquid      **SOLUBILITY IN WATER:** Insoluable  
**APPEARANCE AND ODOR:** Silver grey liquid, organic-solvent odor  
**FREEZING POINT:** NAP      **BOILING POINT:** >150C. deg.      **pH:** NAP  
**SPECIFIC GRAVITY:** 1.3 **ODOR THRESHOLD:** 0.4ppm  
**COEFF. WATER/OIL:** NAV **EVAPORATION RATE:** very slow%      **VOLATILES:** 45  
**VAPOUR DENSITY (Air=1):** NAV      **VAPOUR PRESSURE:** 8mmHg@20C. deg.

**SECTION X - STABILITY AND REACTIVITY:**

**CONDITIONS OF REACTIVITY:** Dry aluminum powder      **CORROSIVE?** No  
**CHEMICAL INCOMPATIBILITY:** Strong oxidizing agents  
**CONDITIONS OF INSTABILITY:** Impact, heat, friction  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Hydrogen gas, reactive chlorides

**SECTION VI - HEALTH HAZARD DATA:**

Health effects to over exposure to CONCENTRATE: Corrosive to mucuse membranes, eyes and skin. The seriousness of the lesions and the prognosis of intoxication depend directly upon the concentration and duration of exposure.

Skin: May cause TEMPORARY skin discloration and irritation

Eyes: May cause severe eye damage

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

If inhaled: Vapors or mist can cause irritation. People with asthma or lung problems may be more affected; smokers.

**SECTION XII - ENVIRONMENTAL INFORMATION:**

Air: <.80 lbs./gallon; <95 grams/liter V.O.C.\*  
Water: Insoluble in water; reacts slowly w/water forming polyurea polymer and liberating CO2 gas  
Soil: Lead- and chromate-free, not hazardous under RCRA 40CFR

**SECTION XIII - WASTE DISPOSAL:**

Dispose of as paint/aluminum waste according to local regulations.

**SECTION XIV - TRANSPORT INFORMATION:**

Product is considered hazardous material, to be handled according to Class 3//UN1263//P.G. III guidelines. Tariff code: 3208.90.0000

**SECTION XV - REGULATORY INFORMATION:**

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the SARA and 40CFR part 372: Aluminum, Diphenylmethane Diisocyanate and Polymeric Diphenylmethane Diisocyanate.

**SECTION XVI - 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.