

Material Safety Data Sheet

U.S. Department of Labor

Identity: **Rust Doctor** tm Rust Converter and Copolymer Metal Primer

Section I

Manufactures Name: Rust Products LLC.
Address: P.O. Box 3403
Ashland, OR 97520

Emergency Telephone Number
1-800-460-6167
Information Telephone Number
1-800-460-6167

Date Prepared: October 1, 2014

Section 11 - Hazardous Ingredients /Identity Information

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE MM HG @ TEMP	WEIGHT PERCENT
Diethylene Glycol Ethyl Ether Acetate	112-15-2	.05 68F	0 - 10
Gallic Acid	149-91-7		0 - 10
Ethylene Glycol	107-21-1	.05 20C	0 - 10
OSHA TLV (vapor) ceiling 50 ppm			

Section III - Physical / Chemical Characteristics

Boiling Point 388 F
Vapor Pressure N/A
Vapor Density Heavier than air
Solubility in Water 100% Dispersible
Coating V.O.C.: 0.69 lb/gl Material V.O.C.: 0.23 lb/gl
Evaporation Rate Faster than Butyl Acetate.
Specific Gravity (H2O=1) 1.02
Appearance and Odor Thin, milky white/beige liquid with mild odor.

Section IV - Fire and Explosion Hazard Data

Flash Point Over 200 degrees F(tcc) Flammable Units _N/A LEL --- UEL

Extinguishing Media -Latex emulsion -Not Flammable-dry latex use water fog.

Special Fire Fighting Procedures –Standard equipment for firefighting in an enclosed environment.

Unusual Fire and Explosion Hazards –Thermal decomposition will produce carbon monoxide and carbon dioxide.

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Section V - Reactivity Data

Stability	Unstable	Conditions to Avoid: FREEZING
	Stable	X
Incompatibility (Materials to Avoid)	Alkalis, ammonia, iron compounds, oxidizing agents.	
Hazardous Decomposition or By-Products:	Carbon monoxide,	
Hazardous Polymerization - Will Not Occur-	Conditions to Avoid- NONE	

Section V1 - Health Hazard Data

Route(s) of Entry-	Inhalation? Yes as a mist.	Skin - Yes	Ingestion - Yes
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Health Hazards: Skin-Acute contact may cause irritation. Chronic exposure may cause dermatitis. Ingestion may cause headache, nausea, and abdominal pains. Eye contact: irritation and redness. Chronic exposure may cause conjunctivitis.

Carcinogenicity:	NTP - No	IARC Monographs - No	OSHA Regulated- No
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Signs and Symptoms of Exposure: See Above

Medical Conditions:	Dermatitis
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Emergency and First Aid Procedure:Eyes-Flush with fresh water for at least 30 minutes. Skin-wash with water. Ingestion-Call a physician. Vomitting may be induced if there is no danger of aspiration.

Section V11 - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled: Small spills- pick up with absorbent material and place in drum for disposal. Large spills- divert to a holding area and let dry. Place dried material in drums.

Waste Disposal Method: Dispose of in accordance with all local, state and federal regulations.

Precautions to Be Taken in Handling and Storing: Do Not Freeze, store in closed containers.

Other Precautions: Clean up equipment and spills before product dries. Prevent contamination of ground waters.

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Section V111 - Control Measures

Respiratory Protection (Specify Type): Not required for most conditions, however, use mist respirator in enclosed areas.

Ventilation Local Exhaust- Not Required

Special Measures- Not Required

Mechanical: Not Required Other- Not Required

Protective Gloves: Use rubber gloves. Eye Protection: Use chemical splash goggles

Other Protective Clothing or Equipment- Wear body covering clothing

Work/Hygienic Practices: Wash hands after use. Remove contaminated or wetted clothing.