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Rust-Oleum  
Rust Remover

### MATERIAL SAFETY DATA SHEET For Coatings, Resins and Related Materials

**SECTION I - PRODUCT AND PREPARATION INFORMATION**  
MANUFACTURER: RUST-OLEUM CORPORATION EMERGENCY AND INFORMATION  
ADDRESS: 11 Hawthorn Parkway TELEPHONE: (708) 367-7700  
Vernon Hills, IL 60061  
PRODUCT CLASS: Vinyl copolymer emulsion  
MANUFACTURERS CODE: 7830 and 3575  
TRADE NAME: RUST REFORMER  
DATE OF PREPARATION: December 18, 1989 (jco)

**SECTION II - HAZARDOUS INGREDIENTS EXPOSURE LIMITS**

INGREDIENT/CAS No	WT %	ACGIH-TLV	OSHA-PEL	LEL	mm Hg @ 20C
Diethylene glycol methyl ether/111-77-3	1%	NE	NE	1.5%	1.0
Tannic acid/1401-55-4	1%	NE	NE	NA	NA
*Nearest 5%	NE - not established			NA - not applicable	

**SECTION III - PHYSICAL DATA**  
Boiling range: 212-400 F (100-204 C)  
Evaporation Rate: faster (Ether = 1) slower  
% Volatile: 57% (by volume)  
WU/gal: 10.5 lbs.  
pH: 1.3-2.3  
Vapor density: heavier lighter than air

**SECTION IV - FIRE AND EXPLOSION HAZARDS**  
Flammability Classification: Non-flammable Flashpoint: NA  
DOT Classification: Not applicable  
Extinguishing Media: Not applicable  
Special Fire Fighting Procedures: Water may be used to cool closed containers to prevent build-up of steam.  
Unusual Fire and Explosion Hazards: Closed containers may explode when exposed to extreme heat due to build-up of steam.

**SECTION V - HEALTH HAZARD DATA**  
**EFFECTS OF OVEREXPOSURE:**  
Acute (Inhalation): High vapor concentrations can irritate eyes, nose and respiratory passages.  
Acute (Skin or Eye Contact): Due to the low pH, this product is a slight to moderate irritant in repeated contact.  
Ingestion- Non-toxic  
Chronic- None recognized

**EMERGENCY AND FIRST AID PROCEDURES:**  
Fumes: Remove from exposure.  
Spray (eyes): Flush immediately with large amounts of water for at least 15 minutes. Notify a physician.  
Splash (skin): Wash affected area with soap and water and remove contaminated clothing. If redness, itching or burning sensation develops consult a physician and have this information available.  
Ingestion: DO NOT induce vomiting. Dilute with water. If gastrointestinal symptoms develop, contact a physician. Never give anything by mouth to an unconscious person.

**SECTION VI - REACTIVITY DATA**  
Stability: Unstable Stable Incompatible: Strong alkalis  
Hazardous Decomposition Products: By flame: Carbon monoxide and Carbon dioxide  
Hazardous Polymerization: Will Not Occur

**SECTION VII - SPILL OR LEAK PROCEDURES**  
Release or Spill Procedures: Soak up liquid with absorbent and shovel into waste container. Wash spill area with water and flush to sewer serviced by wastewater treatment facility.  
Waste Disposal Method: Dispose of according to local, state and federal regulations.

**SECTION VIII - SPECIAL PROTECTION INFORMATION**  
Respiratory Protection: Use NIOSH approved chemical cartridge respirator to remove solid airborne particles of overspray during spray application.  
Eye Protection: Use safety eyewear designed to protect against splash of liquids.  
Other Protective Equipment: Use gloves to prevent prolonged skin contact.  
Ventilation: Provide general dilution or local exhaust ventilation in volume and pattern to keep TLV of hazardous ingredients below acceptable limits.

**SECTION IX - SPECIAL PRECAUTIONS AND REGULATORY ISSUES**  
Handling and Storage Precautions: Non-flammable. See OSHA 1910.106. Keep from FREEZING.  
Other Regulations: Pennsylvania/New Jersey Right-To-Know laws - Other ingredients in this product such as resin, pigment and additives are nonhazardous and considered trade secrets under these regulations



Wash with soap and water. DO NOT return to original bottle. If remaining product, use for rusted

Rust Reformer gets in your eyes, get prompt medical attention with water after each use.

Any reason you are in contact with

