

### Material Safety Data Sheet

**MANUFACTURER:**

**GPM**  
201 Jandus Road  
Cary, IL 60013

EMERGENCY TELEPHONE NUMBER: (800)228-5635 ext 017	TECHNICAL INFORMATION: (847)639-5383	HMIS: H [1] F [2] R [0]
DATE: September 05, 2007	SUPERSEDES: May 07, 2007	

**SECTION 1- PRODUCT IDENTIFICATION**

PRODUCT CODE: XO-1, 2, 4, 6, 7, 8, 11, 15, 18, 20, 23, 25, 26, 27, 31, 39, 41, D, N, P, T  
PRODUCT NAME: **XO-Rust Anti-Rust Enamel**  
PRODUCT CLASS: Rust Preventative

**SECTION 2 - HAZARDOUS INGREDIENTS**

INGREDIENT	CAS NUMBER	WT. %	OCCUPATIONAL EXPOSURE LIMITS		VAPOR PRESSURE mmHg@20°C
			TLV	PEL	
Mineral Spirits	8052-41-3	23-42	100ppm	100ppm	2.6
Carbon Black(1)	1333-86-4	.1-3	3.5mg/m <sup>3</sup>	3.5mg/m <sup>3</sup>	17.0
Hydrous Calcium Magnesium Silicate(2)	14807-96-6	5-8	2mg/m <sup>3</sup>	2mg/m <sup>3</sup>	NA
Aromatic Petroleum Distillates(3)	64742-95-6	1-4	100ppm	100ppm	3.0
(S)Ethyl Benzene	100-41-4	.05-.85	100 ppm	100 ppm	12.0
Yellow Iron Oxide (4)	51274-00-1	1-9	5mg/m <sup>3</sup>	5mg/m <sup>3</sup>	NA
Red Iron Oxide (5)	1309-37-1	1-4	5mg/m <sup>3</sup>	5mg/m <sup>3</sup>	NA
(S)Cobalt Carboxylate	mixture	0.07-0.25	NA	NA	NA
(S)Calcium Barium Phosphosilicate(6)	66402-68-4	.6-3	10mg/m <sup>3</sup>	15mg/m <sup>3</sup>	NA
(S)Co Neodecanoate (7)	27253-31-2	0.10-0.25	NA	NA	NA
(S)Xylene (8)	1330-20-7	0.9-1.5	100 ppm	100 ppm	14.0

(S) - This ingredient is subject to the reporting requirements of Section 313 SARA Title III.  
(1) - In XO-2, 8, 11, 15, 18, 20 only; (2) - In XO-18 only, (3) - In XO-18, 31 only (4) - XO-7, 11, 20, 26 only.  
(5) - In XO-6, 20 only. (6) - In XO-2, 4, 6,7,8,11,15,18,20, 23, 25, 26,27,31,39, 41, D,N,P,T only.  
(7) - In XO-2,6,8,18, 39, 41 only. (8) In XO- 2, 6, D, N only.NA - Not applicable.NE - Not established.

**SECTION 3 - PHYSICAL DATA**

VAPOR DENSITY:  HEAVIER  LIGHTER THAN AIR BOILING RANGE: 300-380°F  
EVAPORATION RATE:  FASTER  SLOWER THAN ETHER 44-55 % VOLATILE VOLUME  
APPEARANCE/ODOR: Thick liquid/aliphatic DENSITY: 7.7-11.2 Wt(lbs)/Gal  
VOLATILE ORGANIC COMPOUND(VOC) < 400 gm/l 3.3 lbs/gal

**SECTION 4 - FIRE AND EXPLOSION HAZARD DATA**

FLAMMABILITY CLASSIFICATION: OSHA Class II FLASH POINT: 105°F LEL: 0.9  
DOT Combustible Liquid

EXTINGUISHING MEDIA:  
 FOAM  ALCOHOL FOAM  CO<sub>2</sub>  DRY CHEMICAL  WATER FOG  OTHER  
UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers may explode when exposed to extreme heat. Isolate from heat, sparks and open flame.  
SPECIAL FIRE FIGHTING PROCEDURES: Use a self-contained breathing apparatus with full face mask in a positive pressure demand mode. Treat as a volatile liquid fire. Water spray may be ineffective. If water spray is used, fog nozzles are preferable. Water may be used to cool sealed containers to prevent pressure build-up and possible explosion or auto-ignition when exposed to the heat of a fire.  
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide and unidentified organic compounds.

**SECTION 5 - HEALTH HAZARD DATA**

**EFFECTS OF OVEREXPOSURE:**

**INHALATION:** Exposure to large amounts of vapors, mists or sanding dusts may cause moderate irritation to the lungs, nose, and throat. May also cause dizziness, nausea or fatigue. Vapors or spray mists may be irritating to eyes, nose or throat. Prolonged overexposure may cause coughing, shortness of breath, dizziness, and intoxication.

**SKIN CONTACT:** Exposure may cause mild irritation. Prolonged exposure may cause drying and cracking.

**EYE CONTACT:** Causes irritation, including redness, stinging and watering.

**INGESTION:** Moderately toxic in large amounts. Could cause drowsiness, nausea or headache.

**CARCINOGENICITY:** This product contains carbon black, cobalt/cobalt compounds, and ethyl benzene (see section 2). Carbon black, ethyl benzene, cobalt and cobalt compounds have been classified by IARC (not NTP or OSHA) as possible carcinogens for humans (2B) from lab animal studies.

**MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE:** Preexisting skin, eye and respiratory disorders may be aggravated by exposure to this product.

**PRIMARY ROUTE(S) OF ENTRY:**     DERMAL            INHALATION            INGESTION

**EMERGENCY AND FIRST AID PROCEDURES:**

**INHALATION:** Remove to fresh air. Use artificial respiration if necessary. Seek medical attention.

**SKIN CONTACT:** Remove contaminated clothing. Wash affected area with soap and water. Wash clothing before reuse.

**EYE CONTACT:** Immediately flush eyes with large amounts of water. If symptoms persist, seek medical attention.

**INGESTION:** Give 1 or 2 glasses of water to dilute. Do not induce vomiting. Get medical attention immediately.

---

**SECTION 6 - REACTIVITY DATA**

**STABILITY:** Stable                           **HAZARDOUS POLYMERIZATION:** Will not occur

**INCOMPATIBILITY (Materials to avoid):** Avoid contact with strong oxidizing agents.

---

**SECTION 7 - SPILL OR LEAK PROCEDURES**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Eliminate all ignition sources. Contain spill, absorb liquid with clay, sand or floor absorbent. Prevent run-off to sewers, streams or other bodies of water.

**WASTE DISPOSAL METHOD:** Observe all federal, state and local regulations regarding proper disposal.

---

**SECTION 8 - SAFE HANDLING AND USE INFORMATION**

**RESPIRATORY PROTECTION:** NIOSH/MSHA jointly approved air purifying respirator if TLV limits are exceeded.

Approved mechanical filter to remove solid airborne particles of overspray during application.

**VENTILATION:** Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV.

**PROTECTIVE CLOTHING:** Wear safety glasses with side shields to prevent eye contact. Contact lenses should not be worn. Use solvent resistant gloves to avoid prolonged contact.

**OTHER PROTECTIVE EQUIPMENT:** Eyewash fountains and safety showers in the event of an accident.

**HYGIENIC PRACTICES:** Wash hands thoroughly after use, and before eating, drinking or smoking.

---

**SECTION 9 - SPECIAL PRECAUTIONS**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Keep out of reach of children. Keep liquid and vapor away from heat, sparks, and open flame. Close container after each use. Store in a cool dry area.

**OTHER PRECAUTIONS: CAUTION:** Reports have associated repeated and prolonged occupational exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.

**WARNING:** This product contains chemicals known to the state of California to cause cancer and birth defects or other reproductive harm.