

# Material Safety Data Sheet

**MANUFACTURER:**

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

EMERGENCY TELEPHONE NUMBER:  
(800)228-5635 ext 017  
DATE: October 24, 2003

TECHNICAL INFORMATION:  
(800)345-9218  
SUPERSEDES: June 9, 2002

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**SECTION 1- PRODUCT IDENTIFICATION**

PRODUCT CODE: XO-1, 2, 4, 6-8, 11, 14, 15,19, 20, 23, 25-27, 30, 33-38  
PRODUCT NAME: XO-Rust Enamel Spray  
PRODUCT CLASS: Aerosol Paint

**SECTION 2 - HAZARDOUS INGREDIENTS**

INGREDIENT	CAS NUMBER	WT. %	OCCUPATIONAL EXPOSURE LIMITS		VAPOR PRESSURE mmHg@20°C
			TLV	PEL	
Acetone	67-64-1	30-35	750 ppm	1000 ppm	186.0
Propane/Isobutane Blend	Mixture	26-29	1000 ppm	1000 ppm	80 p.s.i.
(S)Toluene	108-88-3	7-14	50 ppm	100 ppm	22.0
(S)Xylene	1330-20-7	1-7	100 ppm	100 ppm	14.0
(S)Ethyl Benzene	100-41-4	.5-3	100ppm	100ppm	12.0
VM&P Naphtha(1)	8030-30-6	1-11	300 ppm	300 ppm	5.2
Talc(2)	14807-96-6	4-7	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>	NA
Carbon Black(3)	1333-86-4	.1-.6	3.5 mg/m <sup>3</sup>	3.5 mg/m <sup>3</sup>	NA
Crystalline Silica Cristabolite(4)	14464-46-1	.6-.8	.05 mg/m <sup>3</sup>	.05 mg/m <sup>3</sup>	NA
Yellow Iron Oxide (5)	51274-00-1	1-3	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	NA
Mineral Spirits (6)	8052-41-3	1-3	100 ppm	100 ppm	2.6

(1) - In XO-2, 4, 6, 7, 8, 11, 14, 15, 19, 20, 25, 26, 27, 30, 33, 34, 35, 36, 37, 38 only (2) - In XO-19, 30 only  
(3) - In XO-2, 19, 20 only (4)-In XO-30 only (5) - In XO-11, 20, 38 only. (6) - In XO-11 only.  
(S) - This ingredient is subject to the reporting requirements of Section 313 SARA Title III.  
NA - Not applicable. NE - Not established.

**SECTION 3 - PHYSICAL DATA**

VAPOR DENSITY:  HEAVIER  LIGHTER THAN AIR BOILING RANGE: <0°F  
EVAPORATION RATE:  FASTER  SLOWER THAN ETHER 89-93 % VOLATILE VOLUME  
APPEARANCE/ODOR: Colored liquid/solvent DENSITY: 6.1-6.7 Wt(lbs)/Gal  
VOLATILE ORGANIC COMPOUND(VOC): Less Than 60% flat, 65% nonflat MIR: 1.20 (XO-19, 30, 38 only), 1.40

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

FLAMMABILITY CLASSIFICATION: OSHA Class IA FLASH POINT: <20°F LEL: 2.0  
DOT ORM-D

**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. Vapors may accumulate and travel to ignition sources distant from handling site.

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, fatigue, or headache. Vapors or spray mists may be irritating to eyes, nose or throat. Prolonged overexposure may cause coughing, shortness of breath, dizziness, and intoxication. This product contains crystalline silica (cs), which is considered a hazard by inhalation.

**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. (See additional information in Section 9)

**CARCINOGENICITY:** This product contains carbon black, crystalline silica and ethyl benzene (see section 2). Carbon black and ethyl benzene have been classified by IARC (not NTP or OSHA) as possible carcinogens for human (2B) from lab animal studies. Crystalline silica has been classified by IARC as a carcinogen for humans (Group 1) 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.

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**SECTION 6 - REACTIVITY DATA**

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

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

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**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.

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**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.

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**SECTION 9 - SPECIAL PRECAUTIONS**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Handle as an extremely flammable material. Keep liquid and vapor away from heat, sparks, and open flame. Close container after each use. Store in a cool dry area. Do not expose container to temperatures above 120°F.

**OTHER PRECAUTIONS:** **CAUTION:** Keep out of reach of children. 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.

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