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DW

# 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

HMIS:
H [2]
F [4]
R [0]

## 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 TLV | PEL | VAPOR PRESSURE mmHg@20°C |
|---|---|---|---|---|---|
| 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 $mg/m^3$ | 2 $mg/m^3$ | NA |
| Carbon Black(3) | 1333-86-4 | .1-.6 | 3.5 $mg/m^3$ | 3.5 $mg/m^3$ | NA |
| Crystalline Silica Cristabolite(4) | 14464-46-1 | .6-.8 | .05 $mg/m^3$ | .05 $mg/m^3$ | NA |
| Yellow Iron Oxide (5) | 51274-00-1 | 1-3 | 5 $mg/m^3$ | 5 $mg/m^3$ | 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: [X] HEAVIER [ ] LIGHTER THAN AIR
BOILING RANGE: <0°F
EVAPORATION RATE: [ ] FASTER [X] 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 DOT ORM-D
FLASH POINT: <20°F
LEL: 2.0

EXTINGUISHING MEDIA:
[X] FOAM [ ] ALCOHOL FOAM [X] $CO_2$ [X] DRY CHEMICAL [X] 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: [X] DERMAL [X] 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: 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$^0$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.

The information contained in this MSDS is based on information and data provided by the supplier of the raw material used in the manufacture of this product. Although GPM believes such information and data to be reliable, GPM makes no warranty, expressed or implied, regarding the accuracy and completeness of such information and data.

MSDS# 111

# NEW MATERIAL OR CICAL APPROVAL FORM

## GENERAL INFORMATION

**CHEMICAL PRODUCT NAME:** XO-Rust Enamel Paint
REQUESTING PERSON: **Leesha Mire**
**DEPT.: Maintenance** **DATE OF REQUEST:** 3/14/2014
**MANUFACTURER:** GPM
**VENDOR CONTACT:** **PHONE:**
**CIRCLE ONE:** SOLID (LIQUID) GAS VISCOUS PASTE
**SPECIFIC HAZARDS: Aerosal**

***HAZARDOUS INGREDIENTS:**

| CHEMICAL NAME | CAS NUMBER | CONCENTRATION |
|---|---|---|
| acetone | 67-64-1 | 30-35 |
| propane/isobutene blend | mixture | 26-29 |
| Toluene | 108-88-3 | 7-14 |
| Xylene | 1330-20-7 | 1-7 |
| Ethyl Benzene | 100-41-4 | .5-3 |
| VM&P Naphtha | 8030-30-6 | 1-11 |
| Talc | 14807-96-6 | 4-7 |
| Carbon Black | 1333-86-4 | .1-.6 |
| Crystalline Silica Cristabolite(4) | 14464-46-1 | .6-.8 |
| Yellow Iron Oxide (5) | 51274-00-1 | 1-3 |
| Mineral Spirits | 8052-41-3 | 1-3 |

## **HMIS or NFPA RATINGS

| HEALTH | FLAMMABLE | REACTIVITY |
|---|---|---|
| 0 1 (2) 3 4 | 0 1 2 3 (4) | (0) 1 2 3 4 |

****PPE REQUIREMENTS:**

## USAGE INFORMATION

**CHEMICAL USE:** painting equipment

**AREA OF USE: plant floor, maintenance shop**
***OTHER AREAS AFFECTED:** N/A
**PROJECTED VOLUME:** 2 cans per month
**NEW PROCESS:** YES (NO)
**TRIAL PROCESS:** YES (NO) **DURATION OF TRIAL (if yes):**
**PROCESS CHANGE:** YES (NO)
**REPLACEMENT CHEMICAL:** YES (NO)
**PLEASE EXPLAIN ALL YES ANSWERS ABOVE:**

APPROVED: ✓ YES ___ NO EHS Signature: Dawn Lloyd Date: 3/17/14

*Env-LF-03*
*Date: 9/17/10*