

# Safety Data Sheet

12/16/2018

## 1. Identification

<b>Product Information:</b>	XO-2	
<b>Product Name:</b>	XO Rust Oil Base DTM Enamel Gloss Black	XO Rust Professional
<b>Recommended Use:</b>	Rust Preventative	Rust Preventative Enamel
<b>Application Method:</b>	No Information	Metal Gloss Oil Base
<b>Supplied by:</b>	GPM 201 Jandus Road Cary, IL 60013 Telephone: (847) 639-5383	Gloss Black Safety Black XO-2
<b>Emergency Telephone:</b>	(866)257-3981	

## 2. Hazards Identification

**EMERGENCY OVERVIEW:** FLAMMABLE liquid and vapor.

**GHS Classification**  
Carc. 1B, Flam. Liq. 3, Muta. 1B

**Symbol(s) of Product**



**Signal Word**  
Danger

**Possible Hazards**  
1% of the mixture consists of ingredients of unknown acute toxicity

**GHS HAZARD STATEMENTS**

Carcinogenicity, category 1B	H350	Suspected of causing cancer.
Germ Cell Mutagenicity, category 1B	H340	Suspected of causing genetic defects .
Flammable Liquid, category 3	H226	Flammable liquid and vapor.

**GHS LABEL PRECAUTIONARY STATEMENTS**

P201	Obtain special instructions before use.
P281	Use personal protective equipment as required.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**GHS SDS PRECAUTIONARY STATEMENTS**

P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../ equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.

## 3. Composition/Information on Ingredients

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>	<u>GHS Symbols</u>	<u>GHS Statements</u>
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT XYLENE	64742-47-8	25-50	GHS08	H304-340-350
CARBON BLACK	1333-86-4	1.0-2.5	GHS02-GHS07	H226-312-315-332
NAPHTHA (PETROLEUM), HEAVY ALKYLATE	64741-65-7	0.1-1.0	No Information	No Information
STODDARD SOLVENT	8052-41-3	0.1-1.0	GHS08	H304-340-350
ETHYLBENZENE	100-41-4	0.1-1.0	GHS08	H304-340-350-372
NAPHTA (PETROLEUM), HYDROTREATED HEAVY	64742-48-9	0.1-1.0	GHS02-GHS07-GHS08	H225-304-315-319-332-373
ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2	0.1-1.0	GHS08	H304-340-350
			GHS06	H227-302-311-315-319-330

The text for GHS Hazard Statements shown above (if any) is given in the "Other information" Section.

#### 4. First-aid Measures



**FIRST AID - INHALATION:** If inhaled, remove to fresh air. Administer oxygen if necessary. Consult a physician if symptoms persist or exposure was severe.

**FIRST AID - SKIN CONTACT:** In case of contact, wash skin immediately with soap and water. Launder clothing before reuse. Destroy contaminated leather articles.

**FIRST AID - EYE CONTACT:** If material gets into eyes, flush with water immediately for 15 minutes. Consult a physician.

**FIRST AID - INGESTION:** If ingested, DO NOT induce vomiting. If conscious, drink 8-10 oz. of water promptly. Call a physician immediately.

#### 5. Fire-fighting Measures

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Flammable liquid. Vapors can form an ignitable mixture with air. Vapors can flow along surfaces to a distant ignition source and flash back.

**SPECIAL FIREFIGHTING PROCEDURES:** Use a self-contained breathing apparatus with full facepiece operated in pressure-demand or other positive pressure mode. Flammable. Cool fire-exposed containers using water spray.

**EXTINGUISHING MEDIA:** Carbon Dioxide, Dry Chemical, Foam, Water Fog

#### 6. Accidental Release Measures

**ENVIRONMENTAL PRECAUTIONS:** Contain any spills immediately and dike area to prevent spreading. Package material and dispose of as hazardous waste.

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** REMOVE ALL SOURCES OF IGNITION FROM THE SPILL AREA. EVACUATE ALL NON-ESSENTIAL PERSONNEL UPWIND. USING NON-SPARKING TOOLS, SOAK UP SPILLED MATERIAL / SWEEP UP MATERIAL WITH ABSORBENTS AND PLACE IN A CONTAINER FOR DISPOSAL.

#### 7. Handling and Storage



**HANDLING:** Flammable liquid. Avoid heat, sparks and open flames. Avoid breathing vapor and contact with eyes, skin and clothing. Hazardous residue may remain in emptied container. Do not reuse empty containers without commercial cleaning or reconditioning. Material will accumulate static charges which may cause an electrical spark (ignition source). Use proper grounding procedures.

**STORAGE:** Keep container closed when not in use. Store in a cool dry area. KEEP OUT OF REACH OF CHILDREN.

#### 8. Exposure Controls/Personal Protection

##### Ingredients with Occupational Exposure Limits

<u>Chemical Name</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH-TLV STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT XYLENE	100 ppm	N.E.	N.E.	N.E.
CARBON BLACK	100 PPM	150 PPM	100 PPM	N.E.
STODDARD SOLVENT	N.E.	N.E.	3.5 mg/m <sup>3</sup>	N.E.
NAPHTHA (PETROLEUM), HEAVY ALKYLATE	100 PPM 100 PPM	N.E.	N.E.	N.E.
ETHYLBENZENE	N.E.	N.E.	400 mg/m <sup>3</sup>	N.E.
NAPHTHA (PETROLEUM), HYDROTREATED HEAVY	20 PPM	125 PPM	100 PPM	N.E.
ETHYLENE GLYCOL MONOBUTYL ETHER	N.E.	N.E.	400 mg/m <sup>3</sup>	N.E.
	20 PPM	N.E.	50 PPM	N.E.

Further Advice: MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation  
Sk = Skin Sensitizer N.E. = Not Established

### Personal Protection



**RESPIRATORY PROTECTION:** Respirator use is not expected to be necessary under normal conditions of handling. In emergency situations, use of a NIOSH-approved respirator may be required. When concentrations exceed the exposure limits specified, use of a NIOSH-approved dust, mist and fume respirator is recommended. Where the protection factor of the respirator may be exceeded, use of a full facepiece, supplied air, or Self Contained Breathing Apparatus (SCBA) may be necessary.



**SKIN PROTECTION:** Chemical-resistant gloves may be required for individuals with sensitive skin.



**EYE PROTECTION:** Ensure that eyewash stations and safety showers are close to the workstation location. Chemical resistant goggles must be worn.



**OTHER PROTECTIVE EQUIPMENT:** Use personal protective equipment as necessary. Safety shower and eyewash station should be located in immediate work area.



**HYGIENIC PRACTICES:** Contaminated clothing should be changed and washed before reuse. Eating, drinking and smoking in immediate work area should be prohibited. Keep away from food, drink and animal feeding stuffs.

## 9. Physical and Chemical Properties

<b>Appearance:</b>	Thick Black Liquid	<b>Physical State:</b>	Liquid
<b>Odor:</b>	Solvent Odor	<b>Odor Threshold:</b>	No Information
<b>Density, g/cm<sup>3</sup>:</b>	0.000	<b>pH:</b>	No Information
<b>Freeze Point, °C:</b>	No Information	<b>Viscosity:</b>	No Information
<b>Solubility in Water:</b>	No Information	<b>Partition Coefficient, n-octanol/ water:</b>	No Information
<b>Decomposition temperature, °C</b>	No Information		
<b>Boiling Range, °C:</b>	148 - 193	<b>Explosive Limits, %:</b>	N/A
<b>Combustibility:</b>	Supports Combustion	<b>Flash Point, °C:</b>	40
<b>Evaporation Rate:</b>	Slower Than Ether	<b>Auto-Ignition Temperature, °C</b>	No Information
<b>Vapor Density:</b>	No Information	<b>Vapor Pressure, mmHg:</b>	No Information

(See "Other information" Section for abbreviation legend)

## 10. Stability and Reactivity

**STABILITY:** Stable under recommended storage conditions.

**CONDITIONS TO AVOID:** Avoid heat, flames, sparks and other sources of ignition. Extremes of temperature and direct sunlight.

**INCOMPATIBILITY:** Keep away from strong oxidizing agents, heat and open flames. Strong acids and strong bases

**HAZARDOUS DECOMPOSITION PRODUCTS:** Incomplete combustion may produce carbon monoxide and other toxic gases.

## 11. Toxicological Information



### Practical Experiences

**EFFECT OF OVEREXPOSURE - INHALATION:** Inhalation may cause mild irritation to the respiratory tract (nose, mouth, mucous membranes). Inhalation of high concentrations may cause headache, nausea, and dizziness.

**EFFECT OF OVEREXPOSURE - SKIN CONTACT:** Prolonged and repeated skin contact may cause irritation and possibly dermatitis.

**EFFECT OF OVEREXPOSURE - EYE CONTACT:** Mist and vapors may cause eye irritation.

**EFFECT OF OVEREXPOSURE - INGESTION:** Harmful if swallowed. May cause nausea, vomiting, and diarrhea.

**EFFECT OF OVEREXPOSURE - CHRONIC HAZARDS:** REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE.

**CARCINOGENICITY:** IARC lists Ethylbenzene and Carbon Black as possible human carcinogens (group 2B)

**PRIMARY ROUTE(S) OF ENTRY:** Eye Contact, Inhalation, Skin Contact

### Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
64742-47-8	DISTILLATES (PETROLEUM), HYDROTREATED LIGHT	>5000	>5000	N.I.
1330-20-7	XYLENE	3523	1100	N.I.
1333-86-4	CARBON BLACK	>8000	N.I.	N.I.
64741-65-7	NAPHTHA (PETROLEUM), HEAVY ALKYLATE	N.I.	N.I.	61
100-41-4	ETHYLBENZENE	3500	17000	N.I.
64742-48-9	NAPHTA (PETROLEUM), HYDROTREATED HEAVY	5000	3160	N.I.
111-76-2	ETHYLENE GLYCOL MONOBUTYL ETHER	530	220	N.I.

N.I. = No Information

## 12. Ecological Information

**ECOLOGICAL INFORMATION:** No Information

## 13. Disposal Information



### Product

**DISPOSAL METHOD:** Dispose of material in accordance with applicable federal, state and local regulations.

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** REMOVE ALL SOURCES OF IGNITION FROM THE SPILL AREA. EVACUATE ALL NON-ESSENTIAL PERSONNEL UPWIND. USING NON-SPARKING TOOLS, SOAK UP SPILLED MATERIAL / SWEEP UP MATERIAL WITH ABSORBENTS AND PLACE IN A CONTAINER FOR DISPOSAL.

## 14. Transport Information

**SPECIAL TRANSPORT PRECAUTIONS:** No special transport precautions are necessary.

DOT Proper Shipping Name: Paint  
 DOT Technical Name: No Information  
 DOT Hazard Class: 3  
 DOT UN/NA Number: 1263

Packing Group: III  
 Hazard SubClass: No Information  
 Resp. Guide Page: No Information

## 15. Regulatory Information

### U.S. Federal Regulations:

#### CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Fire Hazard

#### SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

No Sara 313 components exist in this product.

#### TOXIC SUBSTANCES CONTROL ACT:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

No TSCA components exist in this product.

### U.S. State Regulations:

#### NEW JERSEY RIGHT-TO-KNOW:

The following materials are non-hazardous, but are among the top five components in this product.

<u>Chemical Name</u>	<u>CAS-No.</u>
Resin	Proprietary
Resin	Proprietary
Pigment	Proprietary

#### PENNSYLVANIA RIGHT-TO-KNOW

The following non-hazardous ingredients are present in the product at greater than 3%.

<u>Chemical Name</u>	<u>CAS-No.</u>
Resin	Proprietary
Resin	Proprietary
Pigment	Proprietary

#### CALIFORNIA PROPOSITION 65 CARCINOGENS

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

<u>Chemical Name</u>	<u>CAS-No.</u>
CARBON BLACK	1333-86-4
ETHYLBENZENE	100-41-4
CRYSTALLINE SILICA	14808-60-7

#### CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

No Proposition 65 Reproductive Toxins exist in this product.

**International Regulations: As follows -**

**CANADIAN WHMIS:**

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

WHMIS Class No Information

**16. Other Information**

Revision Date: 5/12/2016 Supersedes Date: New MSDS

Reason for revision: No Information

Datasheet produced by: Regulatory Department





**HMIS Ratings:**

Health:	*2	Flammability:	2	Reactivity:	0	Personal Protection:	N.I.
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**Text for GHS Hazard Statements shown in Section 3 describing each ingredient:**

- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapor.
- H227 Combustible liquid
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H311 Toxic in contact with skin.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H330 Fatal if inhaled.
- H332 Harmful if inhaled.
- H340 Suspected of causing genetic defects.
- H350 Suspected of causing cancer.
- H372 Causes damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
- H373 May cause damage to organs through prolonged or repeated exposure.

**Icons for GHS Pictograms shown in Section 3 describing each ingredient:**

- GHS02 
- GHS06 
- GHS07 
- GHS08 

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product where instructions and recommendations are not followed.