

# Safety Data Sheet

## 1. Identification

**Product Information:** XO-15

**Product Name:** XO Rust Oil Base DTM Enamel Gloss Machinery Gray

**Recommended Use:** Rust Preventative

**Application Method:** No Information

**Supplied by:**  
GPM  
201 Jandus Road  
Cary, IL 60013  
Telephone: (847) 639-5383

**Emergency Telephone:** (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**

7% 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	64742-47-8	25-50	GHS08	H304-340-350
TITANIUM DIOXIDE	13463-67-7	2.5-10	GHS06	H331
XYLENE	1330-20-7	1.0-2.5	GHS02-GHS07	H226-312-315-332
NAPHTHA (PETROLEUM), HYDROTREATED HEAVY	64742-48-9	0.1-1.0	GHS08	H304-340-350
ETHYLBENZENE	100-41-4	0.1-1.0	GHS02-GHS07-GHS08	H225-304-315-319-332-373
2-ETHYLHEXANOIC ACID COBALT SALT	136-52-7	0.1-1.0	No Information	No Information
ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2	0.1-1.0	GHS06	H227-302-311-315-319-330
SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPHATIC	64742-88-7	0.1-1.0	GHS06-GHS08	H304-331-372
CARBON BLACK	1333-86-4	0.1-1.0	No Information	No Information
STODDARD SOLVENT	8052-41-3	0.1-1.0	GHS07-GHS08	H304-332-340-350-372

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	100 ppm	N.E.	N.E.	N.E.
TITANIUM DIOXIDE	10 mg/m3	N.E.	15 mg/m3	N.E.
XYLENE	100 PPM	150 PPM	100 PPM	N.E.
NAPHTHA (PETROLEUM), HYDROTREATED HEAVY	N.E.	N.E.	400 mg/m3	N.E.
ETHYLBENZENE	20 PPM	125 PPM	100 PPM	N.E.
2-ETHYLHEXANOIC ACID COBALT SALT	0.02 mg/m3	N.E.	0.1 mg/m3	N.E.
ETHYLENE GLYCOL MONOBUTYL ETHER	20 PPM	N.E.	50 PPM	N.E.
SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPHATIC	200 mg/m3	N.E.	2000 mg/m3	N.E.
CARBON BLACK	3 mg/m3	N.E.	3.5 mg/m3	N.E.
STODDARD SOLVENT	100 PPM, 2900 mg/m3	N.E.	500 PPM, 525 mg/m3	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 Gray Liquid	<b>Physical State:</b>	Liquid
<b>Odor:</b>	Solvent Odor	<b>Odor Threshold:</b>	No Information
<b>Density, g/cm3:</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 Titanium Dioxide, Ethylbenzene, Carbon Black and Cobalt/Cobalt compounds 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

<b>CAS-No.</b>	<b>Chemical Name</b>	<b>Oral LD50</b>	<b>Dermal LD50</b>	<b>Vapor LC50</b>
64742-47-8	DISTILLATES (PETROLEUM), HYDROTREATED LIGHT	>5000 mg/kg	>5000 mg/kg	N.I.
13463-67-7	TITANIUM DIOXIDE	10000 mg/kg	N.I.	6.82 mg/l
1330-20-7	XYLENE	3523 mg/kg	1100 mg/kg	N.I.
64742-48-9	NAPHTA (PETROLEUM), HYDROTREATED HEAVY	5000 mg/kg	3160 mg/kg	N.I.
100-41-4	ETHYLBENZENE	3500 mg/kg	17000 mg/kg	N.I.
111-76-2	ETHYLENE GLYCOL MONOBUTYL ETHER	530 mg/kg	220 mg/kg	N.I.
64742-88-7	SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPHATIC	25000 mg/kg	>4000 mg/kg	>5.28 mg/l/4hr
1333-86-4	CARBON BLACK	>8000 mg/kg	N.I.	N.I.

8052-41-3 STODDARD SOLVENT

&gt;5000 mg/kg

&gt;3000 mg/kg

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	Packing Group:	III
DOT Technical Name:	No Information	Hazard SubClass:	No Information
DOT Hazard Class:	3	Resp. Guide Page:	No Information
DOT UN/NA Number:	1263		

## 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

#### 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>
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Resin  
Resin

Proprietary  
Proprietary

## CALIFORNIA PROPOSITION 65 CARCINOGENS

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

Chemical Name	CAS-No.
TITANIUM DIOXIDE	13463-67-7
ETHYLBENZENE	100-41-4
CARBON BLACK	1333-86-4
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:	6/2/2016	Supersedes Date:	New MSDS
Reason for revision:	No Information		
Datasheet produced by:	Regulatory Department		
<b>HMIS Ratings:</b>			
Health:	*2	Flammability:	2
Reactivity:	0	Personal Protection:	N.I.

### 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.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H340	Suspected of causing genetic defects.
H350	Suspected of causing cancer.
H372	Causes damage to organs
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.