

Safety Data Sheet

1. Identification

Product Information: 1267

Product Name: X-O Rust Oil Base Red Metal Primer

Recommended Use: Rust Preventative Primer

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

2% of the mixture consists of ingredients of unknown acute toxicity

GHS HAZARD STATEMENTS

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

GHS LABEL PRECAUTIONARY STATEMENTS

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

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> |
|---|----------------|--------------|--------------------|--------------------------|
| TALC | 14807-96-6 | 25-50 | No Information | No Information |
| DISTILLATES (PETROLEUM), HYDROTREATED LIGHT | 64742-47-8 | 10-25 | GHS08 | H304-340-350 |
| BARIUM HYDROGEN PHOSPHATE | 10048-98-3 | 1.0-2.5 | No Information | No Information |
| NAPHTA (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 |

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. SOAK UP SPILLED MATERIAL / SWEEP UP MATERIAL WITH ABSORBENTS AND PLACE IN A CONTAINER FOR DISPOSAL. DANGER: Rags, steel wool or other waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water-filled metal container.

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

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> |
|----------------------|----------------------------------|-----------------------|----------------------------------|-------------------------|
| TALC | 2 mg/m3 (Respirable fraction) | N.E. | 2 mg/m3 (Respirable fraction) | N.E. |

| | | | | |
|--|-------------------|--------------|------------------------|--------------|
| DISTILLATES (PETROLEUM), HYDROTREATED LIGHT | 100 ppm | N.E. | N.E. | N.E. |
| BARIUM HYDROGEN PHOSPHATE NAPHTA (PETROLEUM), HYDROTREATED HEAVY | 0.5 mg/m3 N.E. | N.E. N.E. | 0.5 mg/m3 400 mg/m3 | N.E. N.E. |
| ETHYLBENZENE | 20 PPM | 125 PPM | 100 PPM, 435 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: Keep away from food, drink and animal feeding stuffs. Contaminated clothing should be changed and washed before reuse. Eating, drinking and smoking in immediate work area should be prohibited.

9. Physical and Chemical Properties

| | | | |
|--------------------------------------|---------------------|---|----------------|
| Appearance: | Thick Red Liquid | Physical State: | Liquid |
| Odor: | Solvent | Odor Threshold: | No Information |
| Density, g/cm3: | 0.000 | pH: | No Information |
| Freeze Point, °C: | No Information | Viscosity: | No Information |
| Solubility in Water: | No Information | Partition Coefficient, n-octanol/ water: | No Information |
| Decomposition temperature, °C | No Information | | |
| Boiling Range, °C: | 148 - 193 | Explosive Limits, %: | N/A |
| Combustibility: | Supports Combustion | Flash Point, °C: | 40 |
| Evaporation Rate: | Slower Than Ether | Auto-Ignition Temperature, °C | No Information |
| Vapor Density: | No Information | Vapor Pressure, mmHg: | 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: Strong acids and strong bases. Keep away from strong oxidizing agents, heat and open flames.

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 as a possible human carcinogen (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> |
|----------------|--|-------------------------|-------------------------|-------------------|
| 14807-96-6 | TALC | >5000 mg/m ³ | >2000 mg/m ³ | N.I. |
| 64742-47-8 | DISTILLATES (PETROLEUM), HYDROTREATED LIGHT | >5000 mg/kg | >5000 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 | 17.2 mg/l (Rat) |

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. SOAK UP SPILLED MATERIAL / SWEEP UP MATERIAL WITH ABSORBENTS AND PLACE IN A CONTAINER FOR DISPOSAL. **DANGER:** Rags, steel wool or other waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water-filled metal container.

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> |
|-------------------------|----------------|
| POLYMERIZED LINSEED OIL | 67746-08-1 |
| 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> |
|--|----------------|
| POLYMERIZED LINSEED OIL | 67746-08-1 |
| RESIN | Proprietary |
| Nepheline syenite | 37244-96-5 |
| Ceramic materials and wares, chemicals | 66402-68-4 |
| IRON OXIDE (FE2O3), RESPIRABLE | 1309-37-1 |

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> |
|----------------------|----------------|
| 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: 8/24/2016 **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. |
|----------------|----|----------------------|---|--------------------|---|-----------------------------|------|

Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

H225 Highly flammable liquid and vapour.
 H304 May be fatal if swallowed and enters airways.
 H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H332 Harmful if inhaled.
 H340 Suspected of causing genetic defects.
 H350 Suspected of causing cancer.
 H373 May cause damage to organs through prolonged or repeated exposure.

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

GHS02



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.