Material Safety Data Sheet

Name: XO-1 XO-RUST ENAMEL
Company: TRU-TEST MFG CO

MSDS Database

MSDS Safety Information

FSC: 8010
MSDS Date: 01/28/1997
MSDS Num: CJZJP
LIIN: 00F053862
Product ID: XO-1 XO-RUST ENAMEL
MFN: 02
Responsible Party
Cage: 3D277
Name: TRU-TEST MFG CO
Address: 201 JANDUS RD
City: CARY IL 60013
Info Phone Number: 708-639-5383
Emergency Phone Number: 800-228-5635 EXT 017/847-639-5383
Review Ind: Y
Published: Y

Preparer Co. when other than Responsible Party Co.

Cage: TRUTE
Name: TRU-TEST MANUFACTURING CO
Address: 201 JANDUS RD
City: CARY IL 60013

Contractor Summary

Cage: 3D277
Name: TRU-TEST MFG CO
Address: 201 JANDUS RD
City: CARY IL 60013
Phone: 708-639-5383

Ingredients

Cas: 64742-47-8
RTECS #: OA5504000
Name: MINERAL SPIRITS
% low Wt: 23.
% high Wt: 37.
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Cas: 1330-20-7
RTECS #: ZE2100000
Name: XYLENE
% low Wt: 1.
% high Wt: 4.
ACGIH TLV: 434 MG/M3;100 PPM
ACGIH STEL: 651 MG/M3;150 PPM
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS
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Cas: 66402-68-4
Name: CALCIUM BARIUM PHOSPHOSILICATE
% low Wt: 1.
% high Wt: 3.
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Cas: 1333-86-4
RTECS #: FF5800000
Name: CARBON BLACK
% low Wt: 1.
% high Wt: 2.
OSHA PEL: 3.5 MG/M3
ACGIH TLV: 3.5 MG/M3
ACGIH STEL: NOT ESTABLISHED
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Cas: 14464-46-1
RTECS #: VV7325000
Name: CRYSTALLINE SILICA
% low Wt: 1.
% high Wt: 3.
OSHA PEL: SEE TABLE Z-3
ACGIH TLV: 0.05 MG/M3
ACGIH STEL: NOT ESTABLISHED
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Cas: 14807-96-6
RTECS #: WW2710000
Name: HYDROUS CALCIUM MAGNESIUM SILICATE
% low Wt: 5.
% high Wt: 6.
OSHA PEL: SEE TABLE Z-3
ACGIH TLV: 2 MG/M3
ACGIH STEL: NOT ESTABLISHED

Health Hazards Data

Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: YES
Carcinogenicity Inds - NTP: NO
IARC: YES
OSHA: NO

Effects of Exposure: INHALATION: MODERATE IRRITATION TO LUNGS, NOSE AND THROAT. PRODUCT CONTAINS CRYSTALLINE SILICA WHICH IS CONSIDERED A HAZARD. SKIN: MILD IRRITANT. EYES: IRRITATION. INGESTION: MODERATELY TOXIC IN LARGE AMOUNTS.

Explanation Of Carcinogenicity: THIS PRODUCT CONTAINS CRYSTALLINE SILICA AND CARBON BLACK WHICH BOTH HAVE BEEN CLASSIFIED BY IARC BUT NOT NTP/OSHA REGARDING THEIR CARCINOGENICITY BASED ON LABORATORY ANIMAL STUDIES.

Signs And Symptoms Of Overexposure: IRRITATION, DIZZINESS, NAUSEA, FATIGUE, DRYING/CRAKING OF SKIN, REDNESS, STINGING, WATERING OF EYES, DROWSINESS, HEADACHE

Medical Cond Aggravated By Exposure: PRE-EXISTING SKIN, EYES AND RESPIRATORY DISORDERS.

First Aid: INHALATION: REMOVE TO FRESH AIR. USE CPR IF NECESSARY. SKIN: WASH W/SOAP AND WATER. EYES: IMMEDIATELY FLUSH W/LARGE AMOUNTS OF WATER. INGESTION: GIVE 1-2 GLASSES OF WATER TO DILUTE. DON'T INDUCE VOMITING.

Handling and Disposal

Spill Release Procedures: ELIMINATE ALLIGNITION SOURCES. CONTAIN LEAK, ABSORB LIQUID W/CLAY, SAND/FLOOR ABSORBENT. PREVENT RUNOFF TO SEWERS, STREAMS/OTHER BODIES OF WATER.

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE W/LOCAL, STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions: KEEP LIQUID AND VAPOR AWAY FROM HEAT, SPARKS AND OPEN FLAME. CLOSED CONTAINER AFTER EACH USE. STORE IN A COOL, DRY AREA. KEEP OUT OF REACH OF CHILDREN.

Other Precautions: REPEATED/PROLONGED OVEREXPOSURE TO SOLVENTS MAY CAUSE PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING CONTENTS MAY BE HARMFUL/FATAL.
**Fire and Explosion Hazard Information**

- **Flash Point:** -40.6°C, 105°F
- **Lower Limits:** 0.9
- **Extinguishing Media:** FOAM, CO2, DRY CHEMICAL, WATER FOG
- **Fire Fighting Procedures:** USE SELF CONTAINED BREATHING APPARATUS W/FULL FACE MASK IN A POSITIVE PRESSURE DEMAND MODE. 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/AUTOIGNITION.
- **Unusual Fire/Explosion Hazard:** CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO HEAT. TREAT AS A VOLATILE LIQUID FIRE.

**Control Measures**

- **Respiratory Protection:** WEAR A 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:** SUFFICIENT MECHANICAL GENERAL/LOCAL EXHAUST VENTILATION TO MAINTAIN EXPOSURE BELOW TLV.
- **Protective Gloves:** SOLVENT RESISTANT
- **Eye Protection:** SAFETY GLASSES W/SIDE SHEILDS
- **Other Protective Equipment:** EYEWASH FOUNTAINS, SAFETY SHOWERS
- **Work Hygienic Practices:** REMOVE/LAUNDER CONTAMINATED CLOTHING AND SHOES BEFORE REUSE. WASH HANDS THOROUGHLY AFTER USE AND BEFORE EATING, DRINKING/SMOKING.

**Physical/Chemical Properties**

- **B.P. Text:** 300-380°F
- **Vapor Density:** >1
- **VOC Grams/Liter:** 380
- **Evaporation Rate:** SLOWER THAN ETHER
- **Appearance and Odor:** THICK LIQUID/ALIPHATIC ODOR
- **Percent Volatiles by Volume:** 45-51

**Reactivity Data**

- **Stability Indicator:** YES
- **Stability Condition To Avoid:** HEAT, SPARKS, OPEN FLAME, TEMPS gt;120°F AND OTHER IGNITION SOURCES.
- **Materials To Avoid:** STRONG OXIDIZING AGENTS.
- **Hazardous Decomposition Products:** CO, CO2 AND UNIDENTIFIED ORGANIC COMPOUNDS
- **Hazardous Polymerization Indicator:** NO

**Toxicological Information**

**Ecological Information**

**MSDS Transport Information**

**Regulatory Information**

**State Regulatory Information:** THIS PRODUCT CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS/OTHER REPRODUCTIVE HARM.

**Other Information**

- **Other Information:** THE INFORMATION CONTAINED IN THIS MSDS IS BASED ON INFORMATION AND DATA PROVIDED BY THE SUPPLIER OF THE RAW MATERIAL USED IN THE MANUFACTURER OF THIS PRODUCT. ALTHOUGH TRU-TEST MANUFACTURING COMPANY BELIEVES SUCH INFORMATION AND DATA TO BE RELIABLE, TRU TEST MANUFACTURING COMPANY MAKES NO WARRANTY, EXPRESSED/IMPLIED, REGARDING THE ACCURACY AND
HAZCOM Label

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Cage: 3D277
Company Name: TRU-TEST MFG CO
Street: 201 JANDUS RD
City: CARY IL
Zipcode: 60013
Health Emergency Phone: 800-228-5635 EXT 017/847-639-5383
Label Required IND: Y
Date Of Label Review: 01/24/2000
Status Code: A
Origination Code: G
Hazard And Precautions: INHALATION: MODERATE IRRITATION TO LUNGS, NOSE AND THROAT. PRODUCT CONTAINS CRYSTALLINE SILICA WHICH IS CONSIDERED A HAZARD. SKIN: MILD IRRITANT. EYES: IRRITATION. INGESTION: MODERATELY TOXIC IN LARGE AMOUNTS.

Disclaimer

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