

Material Safety Data Sheet

Name XO-4 XO-RUST ENAMEL

Company TRU-TEST MFG CO

MSDS cjzjr

FSC 8010

MSDS Safety Information

FSC: 8010

MSDS Date: 01/28/1997

MSDS Num: CJZJR

LIIN: 00F053862

Product ID: XO-4 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.

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

Cas: 66402-68-4

Name: CALCIUM BARIUM PHOSPHOSILICATE

% low Wt: 1.

% high Wt: 3.

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

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

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
ANDamp;

THROAT. PRODUCT CONTAINS CRYSTALLINE SILICA WHICH IS CONSIDERED A
HAZARD.

SKIN: MILD IRRITANT. EYES: IRRITATION. INGESTION: MODERATELY TOXIC IN
LARGE A
MOUNTS.

Explanation Of Carcinogenicity: THIS PRODUCT CONTAINS CRYSTALLINE
SILICA ANDamp;

CARBON BLACK WHICH BOTH HAVE BEEN CLASSIFIED BY IARC BUT NOT NTP/OSHA
REGARDING THEIR CARCINOGENICITY BASED ON LABORATORY ANIMAL STUDIES.

Signs And Symptions Of Overexposure: IRRITATION, DIZZINESS, NAUSEA,
FATIGUE,

DRYING/CRACKING OF SKIN, REDNESS, STINGING, WATERING OF EYES,
DROWSINESS,
HEADACHE

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

First Aid: INHALATION: REMOVE TO FRESH AIR. USE CPR IF NECESSARY. SKIN:
WASH

W/SOAP ANDamp; WATER. EYES: IMMEDIATELY FLUSH W/LARGE AMOUNTS OF
WATER.

INGESTION: GIVE 1-2 GLASSES OF WATER TO DILUTE. DON'T INDUCE VOMITIN
G.

OBTAIN MEDICAL ATTENTION IN ALL CASES.

Handling and Disposal

Spill Release Procedures: ELIMINATE ALL IGNITION 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 ANDamp; FEDERAL

REGULATIONS.

Handling And Storage Precautions: KEEP LIQUID ANDamp; VAPOR AWAY FROM HEAT,

SPARKS ANDamp; 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 ANDamp; NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING ANDamp; INHALING CONTENTS MAY BE HARMFUL/FATAL.

Fire and Explosion Hazard Information

Flash Point: =40.6C, 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 COO L

SEALED CONTAINERS TO PREVENT PRESSURE BUILD UP ANDamp; 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.

Supplemental Safety and Health: CONTACT LENSES SHOULD NOT BE WORN.

Physical/Chemical Properties

B.P. Text: 300-380F

Vapor Density: ANDgt;1

VOC Grams/Liter: 380

Evaporation Rate ANDamp; Reference: 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;120F
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 ANDamp; BIRTH DEFECTS/OTHER
REPRODUCTIVE

HARM.

Other Information

Other Information: THE INFORMATION CONTAINED IN THIS MSDS IS BASED ON
INFORMATION ANDamp; DATA PROVIDED BY THE SUPPLIER OF THE RAW MATERIAL
USED IN

THE MANUFACTURER OF THIS PRODUCT. ALTHOUGH TRU-TEST MANUFACTURING
COMPANY BEL

IEVES SUCH INFORMATION ANDamp; DATA TO BE RELIABLE, TRU TEST
MANUFACTURING

COMPANY MAKES NO WARRANTY, EXPRESSED/IMPLIED, REGARDING THE ACCURACY
ANDamp;

COMPLETENESS OF SUCH INFORMATION ANDamp; DATA.

HAZCOM Label

Product ID: XO-4 XO-RUST ENAMEL

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
ANDamp;

THROAT. PRODUCT CONTAINS CRYSTALLINE SILICA WHICH IS CONSIDERED A
HAZARD.

SKIN: MILD IRRITANT. EYES: IRRITATION. INGESTION: MODERATELY TOXIC IN
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