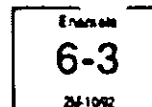


GKN 271



MATERIAL SAFETY DATA SHEET
FOR COATINGS, RESINS AND RELATED MATERIALS

MANUFACTURER: TRU-TEST MANUFACTURING COMPANY EMERGENCY MEDICAL INFO: 1-800-228-5635
ADDRESS: 201 Jandus Road TECHNICAL INFORMATION: 1-708-639-5383
Cary, IL 60013

DATE OF PREPARATION: September 16, 1992

**Possible
CARCINOGEN**

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NUMBERS XO-LINE XO-1,2,4,5,6,7,8,14,15,18,20,23,24,25,26,27,31, T & D Bases (Not XO-10)
PRODUCT NAME TRU-TEST SUPREME X-O RUST ENAMEL
PRODUCT CLASS ALKYD RESIN GLOSS ENAMEL

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT / CAS. NO.	WT. %	OCCUPATIONAL EXPOSURE LIMITS		VAPOR PRESSURE mm Hg @ 20°C
		TLV	PPM PEL	
Mineral Spirits 64742-47-8	30-45*	100ppm	500ppm	2.0
(s) Calcium Barium Phosphosilicate 66402-68-4	1 - 5	10mg/m ³	15mg/m ³	NA
Diatomaceous Silica (1) 68855-54-9	1 - 5	10mg/m ³	.06/mg/n ³	NA
Hydrous Magnesium Silicate(2) 14807-96-6	4 - 9	2mg/m ³	2mg/m ³	NA

(1) This ingredient only in XO-18 & XO-31

(2) This ingredient only in XO-18

(S) = This ingredient is subject to the reporting requirements of SEC. 313 SARA Title III
NA = Not applicable NE = Not established

SECTION III - PHYSICAL DATA

BOILING RANGE 300-380 VAPOR DENSITY X HEAVIER * LIGHTER THAN AIR
VAPORATION RATE * FASTER X SLOWER THAN ETHER * % VOLATILE VOLUME
Volatile Organic Content (VOC) less than 380 gm/L *WT/GAL
lbs

*VARIES WITH COLOR

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION OSHA Class II FLASH POINT 105° LEL .9
DOT COMBUSTIBLE LIQUID

EXTINGUISHING MEDIA:

☒ FOAM ☒ ALCOHOL* ☒ CO2 ☒ DRY CHEMICAL ☒ WATER FOG ☐ OTH
FOAM

UNUSUAL FIRE AND EXPLOSION HAZARDS Closed containers may explode when exposed to extreme heat. Isolate from heat, sparks & open flame.

SPECIAL FIREFIGHTING PROCEDURES Treat as a volatile liquid fire. Water spray may be ineffective. If water spray is used, fog nozzles are preferable.

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE Severe eye irritation, drying of skin, excessive inhalation causes headache, dizziness & nausea. In the ~~Diatomaceous Silica~~ is Crystalline Silica (CS) which is considered a hazard by inhalation. IARC has classified CS as a possible carcinogen for humans (2A) from lab animal studies. CS has not been classified as a carcinogen by PT or OSHA.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE:

None known to Tru-Test Manufacturing.

PRIMARY ROUTE(S) OF ENTRY: ☒ DERMAL ☒ INHALATION ☐ INGESTION

EMERGENCY AND FIRST AID PROCEDURES EYES: Flush with large amounts of water. Get medical attention. SKIN: Wash with soap & water.

INHALATION: Remove to fresh air. Apply artificial respiration if necessary. Get medical attention.

INGESTION: Do not induce vomiting. Keep person warm & quiet. Get medical attention.

SECTION VI - REACTIVITY DATA

STABILITY ☐ UNSTABLE ☒ STABLE

HAZARDOUS POLYMERIZATION ☐ MAY OCCUR ☒ WILL NOT OCCUR
HAZARDOUS DECOMPOSITION PRODUCTS

CONDITIONS TO AVOID Isolate from heat & open fire.

INCOMPATIBILITY (MATERIALS TO AVOID)

Avoid contact with strong oxidizing agents.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Eliminate all ignition sources. Contain spill, absorb liquid with clay, sand or floor absorbent. Prevent run-off to sewers, streams or other bodies of water.

WASTE DISPOSAL METHOD

Contaminated absorbent may be deposited in a landfill in accordance with local, state and federal regulations.

SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION - NIOSH/MSHA jointly approved air supplied respirator if TLV limits are exceeded. Approved mechanical filter to remove solid airborne particles of overspray during application.

VENTILATION - Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV.

PROTECTIVE GLOVES - Required to prevent prolonged or repeated contact

EYE PROTECTION - Use of safety eyewear is recommended to prevent eye contact.

OTHER PROTECTIVE EQUIPMENT - Impervious clothing & boots are suggested to prevent prolonged or repeated skin contact.

HYGIENIC PRACTICES:

Wash hands before eating, smoking or using bathroom
Do not reuse contaminated clothing.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep away from heat sparks and open flames. For storage conditions see OSHA 1910.106

OTHER PRECAUTIONS

Do not take internally. Avoid prolonged contact with skin. Containers should be grounded when pouring.

Avoid free fall of more than 2 - 3 inches when pouring.
