General Information

Company's Name: TRU-TEST MANUFACTURING CO
Company's Street: 201 JANDUS RD
Company's City: CARY
Company's State: IL
Company's Country: US
Company's Zip Code: 60013
Company's Emerg Ph #: 800-228-5635
Company's Info Ph #: 708-639-5383
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SMJ
Date MSDS Prepared: 14DEC93
Safety Data Review Date: 03AUG95
MSDS Serial Number: BYGPL

Ingredients/Identity Information

Proprietary: NO
Ingredient: ETHYLENE GLYCOL (SARA 313) (CERCLA). VP: 0.1 @ 20C.
Ingredient Sequence Number: 01
Percent: 2-4
NIOSH (RTECS) Number: KW2975000
CAS Number: 107-21-1
OSHA PEL: 50 PPM (MFR)
ACGIH TLV: 50 PPM, VAPOR, C

Proprietary: NO
Ingredient: SILICA, CRystALLine - QUARTZ; (CRystALLine SILICA)
Ingredient Sequence Number: 02
Percent: 3-5
NIOSH (RTECS) Number: VV7330000
CAS Number: 14808-60-7
OSHA PEL: 0.1 MG/M3 (MFR)
ACGIH TLV: 0.1 MG/M3 RDUST

Proprietary: NO
Ingredient: VOLATILE ORGANIC COMPOUNDS: <150 G/L.
Ingredient Sequence Number: 03
NIOSH (RTECS) Number: 99999990
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Physical/Chemical Characteristics

Appearance And Odor: NONE SPECIFIED BY MANUFACTURER.
Boiling Point: 212°F, 100C
Vapor Pressure (MM Hg/70 F): SEE ING 1
Vapor Density (Air=1): LTR/AIR
Specific Gravity: 1.23 (FP N)
Evaporation Rate And Ref: SLOWER THAN ETHER
Percent Volatiles By Volume: 70

Fire and Explosion Hazard Data

Flash Point: NOT APPLICABLE
Lower Explosive Limit: N/A
Extinguishing Media: FOAM, CO2, DRY CHEMICAL, WATER FOG.
Special Fire Fighting Proc: USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE
EQUIP (FF N). WATER MAY BE USED TO COOL CLSD CONTAINERS TO PUNT PRESS BUILD UP
& EXPLO WHEN EXPOSED TO EXTREME HEAT.
Unusual Fire And Expl Hazards: CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED
TO EXTREME HEAT.

Reactivity Data

Stability: YES
Cond To Avoid (Stability): NONE SPECIFIED BY MANUFACTURER.
Materials To Avoid: NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomp Products: NONE SPECIFIED BY MANUFACTURER.
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NOT RELEVANT

Health Hazard Data

LD50- LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: INHAL:VAPORS OR SPRAY MISTS MAY BE
IRRITATING TO EYES, NOSE, THROAT & MUCOUS MEMBRANES OF RESPIRATORY TRACT.
SKIN: PROLONGED OR REPEATED CONTACT MAY CAUSE IRRITATION. EYE:DIRECT CONTACT
W/PAINT WILL RESULT IN IRRITATION.
Carcinogenicity - NTP: YES
Carcinogenicity - IARC: YES
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: SILICA, CRYSTALLINE-QUARTZ:IARC MONOGRAPHS,
SUPP, VOL 7, PG 341, 1987;GRP 2A. NTP 7TH ANNUAL RPT ON CARCINS, (SUPP
DATA)
Signs/Symptoms Of Overexp: SEE HEALTH HAZARDS.
Med Cond Aggravated By Exp: NONE KNOWN TO TRU-TEST MANUFACTURING COMPANY.
Emergency/First Aid Proc: INHAL:REMOV TO FRESH AIR. SKIN:REMOV W/ SOAP &
WATER. REMOVE CONTAMINATED CLOTHING & WASH BEFORE REUSE. EYE:FLUSH
IMMEDIATELY W/LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. SEE MD FOR
MEDICAL TREATMENT. INGEST: GIVE 1-2 GLASSES OF WATER TO DILUTE. DO NOT
INDUCE VOMITING. CALL MD IMMEDIATELY.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: DIKE & CONTAIN SPILL W/INERT MATERIAL (SAND,
EARTH, ETC). TRANSFER LIQUID TO CONTAINERS FOR RECOVERY OR DISPOSAL. KEEP
SPILL OUT OF SEWERS & OPEN BODIES OF WATER.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
Waste Disposal Method: LIQUID MATERIAL & CONTAMINATED DIKING MATERIAL
SHOULD BE LANDFILLED ACCORDING TO CURRENT LOCAL, STATE & FEDERAL
REGULATIONS.
Precautions-Handling/Storing: "KEEP FROM FREEZING". AVOID PROLONGED
CONTACT W/SKIN. DO NOT TAKE INTERNALLY.
Other Precautions: NONE SPECIFIED BY MANUFACTURER.

Control Measures

Respiratory Protection: WHEN BRUSHED OR ROLLED NONE REQUIRED IF GOOD
VENTILATION MAINTAINED. DURING SPRAY APPLICATION, A NIOSH/MSHA APPROVED
MECHANICAL FILTER RESPIRATOR TO REMOVE AIRBORNE PARTICLES OR OVERSPRAY.
Ventilation: SUFFICIENT VENT SHOULD BE PROVIDED TO KEEP AIR CONTAM CONC
BELOW CURRENT APPLIC OSHA PEL OR ACGIH TLV LIMITS.
Protective Gloves: IMPERVIOUS GLOVES (FP N).
Eye Protection: ANSI APPROVED CHEM WORKERS GOGGS (FP N).
Other Protective Equipment: DELUGE SHOWER WHICH MEETS ANSI DESIGN CRITERIA
(FP N). EYEWASH FACILITY, PROTECTIVE CLOTHING TO AVOID EXCESSIVE EXPOS.
Work Hygienic Practices: WASH HANDS BEFORE EATING, SMOKING OR USING
WASHROOM.
Suppl. Safety & Health Data: EXPLAN OF CARCIN:1994:ANTICIPATED TO BE CARCINOGEN.

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