



SCHOLASTIC SL-1 (ALL COLORS), 35-913

MSDS Number

CBJFG

National Stock Number

8030-00N068655

Product Name

SCHOLASTIC SL-1 (ALL COLORS), 35-913

Manufacturer

CHEMREX INC

Product Identification

Product ID: SCHOLASTIC SL-1 (ALL COLORS), 35-913

MSDS Date: 10/01/1992

FSC: 8030

NIIN: 00N068655

MSDS Number: CBJFG

Responsible Party

CHEMREX INC

889 VALLEY PARK DR

SHAKOPEE , MN 55379

US

Emergency Phone: 612-496-6000; 800-424-9300 (CHEMTREC)

Info Phone: 612-496-6000; 800-424-9300 (CHEMTREC)

Preparer: MARK HORTON

Cage: CHEMR

Contractor

CHEMREX INC

COMMERCE CITY, CO 80022

US

303-289-5286

Cage: CHMRX

Ingredients

BENZENE, 2,4-DIISOCYANATO-1-METHYL; (TOLUENE DIISOCYANATE)

CAS: 584-84-9

RTECS: CZ6300000

Fraction By Weight:

OSHA PELC 0.02 PPM

ACGIH TLV: 0.005PPM/0.02STEL

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

0.01-0.05

RTECS: 9999999ZZ



TALC (POWDER), CONTAINING NO ASBESTOS FIBERS; (HYDROUS

CAS: 14807-96-6

RTECS: WW2710000

Fraction By Weight: 1-5%

OSHA PEL20 MPPCF Z-3

ACGIH TLV: 2 MG/M3 RDUST

SOLVENT NAPHTHA (PETROLEUM) MEDIUM ALIPHATIC;

CAS: 64742-88-7

Fraction By Weight: 1-5%

OSHA PELN/K

ACGIH TLV: N/K

SILICA GEL; (AMORPHOUS SILICON DIOXIDE)

CAS: 112945-52-5

RTECS: VV7310000

Fraction By Weight: 1-5%

OSHA PEL6 MG/M3

ACGIH TLV: 10 MG/M3

SUCH PRLNGD EXPOS MAY EXIST W/W/OUT

RTECS: 9999999ZZ

FIBROTIC RESPONSE SIMPLY BECAUSE OF INSOL NATURE OF

RTECS: 9999999ZZ

LISTED AS CARCIN BY NTP, BASED UPON RSLTS OF CHRONIC

RTECS: 9999999ZZ

CONCLUDED THAT EVIDENCE WAS INADEQ TO CLASSIFY TDI AS

RTECS: 9999999ZZ

MAY BE ASSOC W/CHRONIC LUNG IMPAIRMENT. PULM EDEMA

RTECS: 9999999ZZ

SOLV CHRONIC OVEREXP &/OR SYS TOX EFTS ARE TARGETED

RTECS: 9999999ZZ

MAY CAUSE PERMANENT NEURAL DAMAGE.

RTECS: 9999999ZZ



ASPIRATION OF VOMITUS INTO THE LUNGS. OBTAIN

RTECS: 9999999ZZ

SUPPLIED-AIR BREATHING APPARATUS IN ACCORDANCE

RTECS: 9999999ZZ

Hazards

LD50 LC50 Mixture:SEE INGREDIENT ONE.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO

Health Hazards Acute and Chronic:ACUTE:EYES:MILD IRRIT. NO PERM CORNEAL INJURY LIKELY. SKIN:MOD IRRIT. MAY CAUSE DERM & ALLERGIC RESPONSES. RPTD/PROLNGD OVEREXP MAY CAUSE SENSIT. INHAL:RESP IRRIT, INTOX, & CNS DEPRESSANT. OVEREXP SHO WN BY HDCH, DIZZ & CONFUSN. INGEST:MAY CAUSE IRRIT OF MOUTH, THROAT, & STOM. SYMPS INCLUDE NAUS, ABDOM (EFTS OF OVEREXP)

Explanation of Carcinogenicity:TOLUENE DIISOCYANATE:IARC MONOGRAPHS, SUPPLEMENT, VOL 7, PG 45, 1987:GROUP 2B.

Effects of Overexposure:HLTH HAZS:PAIN & POSS COLLAPSE. CHRONIC:PROD CNTNS ENCAPSULATED HYDROUS MAGNESIUM SILICATE (TALC). NO EXPOS TO RESP TALC IS ANTIC DURING NORMAL USE OF PROD. HOWEVER THERE ARE RPTS THAT RELATIVELY MILD PNEUM CAN DEVELOP OVER 10-40 YRS OF OCCUP EXPOS TO MIXED DUSTS CNTNING TALC. PULM DISEASE WHICH DEVELOPS AFTER (ING 6)

Medical Cond Aggravated by Exposure:PRE-EXISTING PULMONARY AND DERMATOLOGICAL DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO HAZARDOUS COMPONENTS.

First Aid

First Aid:EYES:FLUSH W/PLENTY OF WATER FOR @ LST 15 MIN. GET IMMED MED ATTN. SKIN:REMOVE CONTAM CLTHG. WASH AFFECTED AREA(S) THORO W/SOAP & WATER. CONSULT MD. INHAL:REMOVE TO FRESH AIR. IF BRTHG IS DFCLT, GIVE OXYG. ADMIN ARTF RESP IF NOT BRTHG. GETMED ATTN. INGEST:DO NOT INDUCE VOMIT. GIVE WATER/MILK IF VICTIM IS CONSCIOUS & NOT DROWSY. SHOULD VOMIT OCCUR, BE SURE TO KEEP HEAD BELOW HIPS TO AVOID (ING 13)

Fire Fighting

Flash Point Method:SCC

Flash Point:110F,43C

Lower Limits:1.0%

Upper Limits:7.0%

Extinguishing Media:FOAM, CO*2, DRY CHEMICAL.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP . USE WATER TO COOL EXPOSED CNTNRS. WATER STREAM DIRECTED INTO FIRE MAY CAUSE FROTHING W/SUBSEQUENT (SUPDAT)

Unusual Fire/Explosion Hazard:IRRIT &/OR TOX GASES/FUMES MAY BE GENERATED BY THERMAL DECOMP/COMBUST. CLSD CNTNRS MAY RUPTURE/EXPLODE (DUE TO PRESS BUILD-UP) WHEN EXPOSED TO EXTREME (SUPDAT)

Accidental Release

Spill Release Procedures:VENT AREA. WEAR APPROP PROT EQUIP DURING CLEANUP. ELIM IGNIT SOURCES. CNTN SPILL. ABSORB W/INERT MATL SUCH AS VERMICULITE. PLACE INTO CNTNRS W/LIDS. COVER LOOSELY & REMOVE TO APPROP WASTE AREA. WASH S PILL AREA. PVNT WASHINGS FROM ENTERING WATERWAYS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:FOR PROFESSIONAL USE ONLY. DO NOT TAKE INTERNALLY. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. AVOID BREATHING VAPORS.



Other Precautions:TIGHTLY RESEAL ALL PARTIALLY USED CONTAINERS. USE ONLY W/ADEQ VENT. STORE AWAY FROM SOURCES OF IGNIT. KEEP OUT OF REACH OF CHILDREN. DO NOT REUSE EMPTY CNTNR W/OUT COMMERCIAL CLEAN/RECNDTN. STORE EMPT Y CNTNR AWAY FROM HEAT & FLAME.

Exposure Controls

Respiratory Protection:IF TLV IS EXCEEDED, IF USE IS PERFORMED IN POORLY VENT CONFINED SPACE/AREA W/LTD VENT, USE NIOSH/MSHA APPRVD ORG VAP CARTRIDGE RESP IN ACCORD W/APPLIC HLTH & SFTY REGS. IF VAP LEVELS MEET/EXCEED 10 X TLV, USE NIOSH/MSHA APPRVD (ING 14)

Ventilation:LOCAL EXHAUST AS NEEDED TO CONTROL VAPORS/DUST LEVELS TO BELOW RECOMMENDED LIMITS.

Protective Gloves:NEOPRENE, NITRILE, SUPPORTED PVA.

Eye Protection:ANSI APPROVED CHEM WORKERS GOGGS .

Other Protective Equipment:ANSI APPROVED EMERGENCY EYE WASH AND DELUGE SHOWER . CLEAN PROTECTIVE CLOTHING.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

PH:6.5-7.5. FIRE FIGHT PROC:SPREAD OF FIRE. EXPLO HAZS:HEAT. VAP IS HVR/AIR, & MAY TRAVEL ALONG GROUND TO BE REIGNITED AT LOCATIONS DIST FROM SOURCE; FLASHBACK OF FLAME MAY OCCUR. HAZ DECOMP PRODS:PHE NOLS. TRACES OF HYDROGEN CYANIDE IN OXYG-DEFICIENT ENVIRON.

Chemical Properties

Boiling Pt:B.P. Text:300F,149C

Vapor Pres:4.5 @ 20C

Vapor Density:HVR/AIR

Spec Gravity:1.1

pH:SUPDAT

Evaporation Rate & Reference:SLOWER(RELATIVE TO BUAC)

Solubility in Water:SLIGHT (0.1-1%)

Appearance and Odor:SMOOTH VISCOUS LIQUID WITH MODERATE SOLVENT ODOR.

Percent Volatiles by Volume:12.41

Stability

Stability Indicator/Materials to Avoid:YES

STRONG BASES/OXIDANTS. STRONG LEWIS/MINERAL ACIDS. AMINE HARDENERS IN LG MASSES/UNDER UNCONTROLLED CNDTNS.

Stability Condition to Avoid:LONG-TERM EXPOSURE TO ELEVATED TEMPERATURES. CONTAMINATION WITH MOISTURE.

Hazardous Decomposition Products:ACRID FUMES. OXIDES OF CARBON. TOX NITROGENOUS OXIDES; AMMONIA. ALDEHYDES & ACIDS FROM INCOMPLETE COMBUST. (SUPP DATA)

Conditions to Avoid Polymerization:AMINE HARDENER UNDER UNCONTROLLED CONDITIONS. CONTAMINATION WITH WATER.

Disposal

Waste Disposal Methods:REVIEW AL LOCAL, STATE AND FEDERAL REGULATIONS CONCERNING HEALTH AND POLLUTION FOR APPROPRIATE DISPOSAL PROCEDURES. INCINERATION IS PREFERRED.

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