

SD POLYURETHANE ACTIVATOR (910-377)

MSDS Number

BBHZS

National Stock Number

6850-00F001206

Product Name

SD POLYURETHANE ACTIVATOR (910-377)

Manufacturer

DESOTO INC

Product Identification

Product ID:SD POLYURETHANE ACTIVATOR (910-377)

MSDS Date:02/21/1991

FSC:6850

NIIN:00F001206

MSDS Number: BBHZS

Responsible Party

DESOTO INC

1608 FOURTH STREET

BERKELEY , CA 94710

Emergency Phone: (800) 228-5635

Info Phone: (818) 549-7823

Preparer: STEVE DEPETRIS

Cage: 62758

Contractor

DESOTO INC

DES PLAINES, IL 60018-1804

US

708-391-9000

Cage: 62758

Ingredients

METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)

CAS: 78-93-3

RTECS: EL6475000

Fraction By Weight: 60 - 65%

OSHA PEL200 PPM/300 STEL

ACGIH TLV: 200 PPM/300STEL 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

XYLENES (O-,M-,P- ISOMERS) (SARA III)

CAS: 1330-20-7

RTECS: ZE2100000

Fraction By Weight:

OSHA PEL100 PPM/150 STEL

ACGIH TLV: 100 PPM/150STEL;9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

METHYL N-AMYL KETONE

CAS: 110-43-0

RTECS: MJ5075000

Fraction By Weight:

OSHA PEL100 PPM

ACGIH TLV: 50 PPM; 9192

ETHYL BENZENE (SARA III)

CAS: 100-41-4

RTECS: DA0700000

Fraction By Weight:

OSHA PEL100 PPM/125 STEL

ACGIH TLV: 100 PPM/125STEL 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

ALIPHATIC POLYISOCYANATE, HEXAMETHYLENE DIISOCYANATE

CAS: 28182-81-2

RTECS: NQ9170000

Fraction By Weight: 30%

1,6-DIISOCYANATOHEXANE (HEXAMETHYLENE DIISOCYANATE)

CAS: 822-06-0

RTECS: MO1740000

Fraction By Weight:

ACGIH TLV: 0.005 PPM; 9192

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

613 GRAMS/LITER

RTECS: 9999999VO

Hazards

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

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

Health Hazards Acute and Chronic:INHALATION: NASAL/RESPIRATORY IRRITATION, CNS DEPRESSION, HEADACHE, DIZZINESS, STAGGERING GAIT, CONFUSION OR UNCONSCIOUSNESS, ASPHYXIATION, ALLERGIC SENSITIZATION. SKIN: IRRITATION, DEFATTING, OR DERM ATITIS. EYES: IRRITATION. INGESTION: GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING &

DIARRHEA. (SEE SUPP.).

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INHALATION: MUCOUS MEMBRANE IRRITATION, TIGHTNESS IN CHEST, COUGHING, SHORTNESS OF BREATH, ASTHMA, PERMANENT BRAIN/NERVOUS SYSTEM DAMAGE. INGESTION: ASPIRATION OF MATERIAL INTO THE LUNGS CAN CAUSE CHEMICAL PNEUMONITIS/FATAL.

SKIN: SENSITIZATION. EYES: IRRITATION, BURNING, TEARING, REDDENING, TRANSIENT CORNEAL INJURY.

Medical Cond Aggravated by Exposure:SKIN, LUNG & EYE CONDITIONS.

First Aid

First Aid:INHALATION: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION OR CPR IF REQUIRED. IF BREATHING IS DIFFICULT, GIVE OXYGEN. KEEP WARM & QUIET. SKIN: WASH W/SOAP & WATER. DON'T USE SOLVENTS. EYES: FLUSH W /WATER FOR 15 MINS. INGESTION: OBTAIN MEDICAL ATTENTION IN ALL CASES.

Fire Fighting

Flash Point:22F

Lower Limits:1%

Extinguishing Media:CO2, DRY CHEMICAL OR FOAM.

Fire Fighting Procedures:WATER SPRAY MAY BE INEFFECTIVE. IF WATER IS USED, FOG NOZZLES ARE PREFERABLE. FULL PROTECTIVE CLOTHING & SELF CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:VAPORS MAY FORM EXPLOSIVE MIXTURES W/AIR & TRAVEL LONG DISTANCES, FLASH BACK OR FLAME. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT.

Accidental Release

Spill Release Procedures:USE NON-SPARKING TOOLS. SMALL SPILLS, DIKE & ABSORB W/INERT MATERIAL. COLLECT MATERIAL IN OPEN TOP DRUM & TAKE TO ISOLATED AREA (OUT-OF-DOORS PREFERRED). NEUTRALIZE SPILL AREA W/DECONTAMINATION SOLUTION.

Neutralizing Agent:(90-95%)-WATER, (2%)-DETERGENT, (3-8%)-AMMONIA.

Handling

Handling and Storage Precautions:EMPTY DRUMS MAY CONTAIN EXPLOSIVE VAPORS. DON'T CUT, PUNCTURE OR WELD ON OR NEAR DRUM. DON'T TAKE INTERNALLY. AVOID FREE FALL OF LIQUIDS.

Other Precautions:ISOCYANATES REACT SLOWLY W/WATER TO FORM CO2 GAS WHICH CAN CAUSE CONTAINER TO EXPAND OR RUPTURE. AVOID BREATHING VAPORS, CONTACT W/SKIN & EYES. DON'T DELIBERATELY CONCENTRATING THIS PRODUCT/INHALE THE VAPORS.

Exposure Controls

Respiratory Protection:IN AREAS WHERE TLV MAY BE EXCEEDED OR IF SPRAY MIST IS PRESENT, USE NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATORS. IN CONFINED AREAS USE NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATORS.

Ventilation:PROVIDE GENERAL DILUTION OR LOCAL EXHAUST VENTILATION IN VOLUME & PATTERN TO KEEP Protective Gloves:CHEMICALLY RESISTANT

Eye Protection:SAFETY GLASSES W/SIDESHIELDS, GOGGLES

Other Protective Equipment:SAFETY SHOWER, EYE BATH

Work Hygienic Practices:REMOVE/WASH CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

IDEAL STORAGE TEMPERATURE RANGE IS 10-30C (64-86F). 7.42 LBS/GAL.

OVEREXPOSURE: INHALATION: DIZZINESS, DROWSINESS & FATIGUE. MAY CAUSE LIVER OR KIDNEY DAMAGE. INGESTION: DIZZINESS, DROWSINESS.

Chemical Properties

Boiling Pt:B.P. Text:175-382F

Vapor Density:>AIR

Spec Gravity:0.89

Evaporation Rate & Reference:SLOWER THAN N-BU AC

Appearance and Odor:CLEAR LIQUID, SOLVENT ODOR.

Percent Volatiles by Volume:75.6%

Stability

Stability Indicator/Materials to Avoid: YES
CONTACT W/WATER, ALCOHOLS & AMINES.
Stability Condition to Avoid: HEAT, ELECTRICAL EQUIPMENT, SPARKS, FLAME,
HOT SURFACES. DON'T STORE >120F. PROTECT FROM MOISTURE.
Hazardous Decomposition Products: CO, CO₂, OXIDES OF NITROGEN, TRACES OF
HYDROGEN CYANIDE, ISOCYANATE MONOMER, TOXIC GASES, & AEROSOLS.

Disposal

Waste Disposal Methods: WHEN DISPOSING OF THIS MATERIAL, ENSURE THAT
IT'S PACKAGED, STORE, TRANSPORTED/IN ACCORDANCE W/LOCAL,
STATE/FEDERAL REGS. NO DISPOSAL METHOD IS TO BE USED THAT WOULD
POSE AN ENVIRONMENTAL OR HUMAN HEALTH THREAT/ANY WHICH WOULD
CONTAMINATE GROUND.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.