

SUNNYSIDE CORP -- 457, SUNNYSIDE LACQUER THINNER

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MSDS Safety Information

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MSDS Date: 12/03/1996

MSDS Num: CJZTD

Product ID: 457, SUNNYSIDE LACQUER THINNER

MFN: 01

Responsible Party

Cage: 9J570

Name: SUNNYSIDE CORP

Address: 225 CARPENTER AVE

City: WHEELING IL 60090-6009

Info Phone Number: 708-541-5700/800-424-9300 (CHEMTREC)

Emergency Phone Number: 708-541-5700

Resp. Party Other MSDS No.: 457

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Ingredients

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Cas: 67-64-1

RTECS #: AL3150000

Name: ACETONE

OSHA PEL: 2400 MG/M3;1000 PPM

ACGIH TLV: 1780 MG/M3;750 PPM

ACGIH STEL: 2380 MG/M3;1000 PPM

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

Cas: 141-78-6

RTECS #: AH5425000

Name: ETHYL ACETATE

OSHA PEL: 1400 MG/M3;400 PPM

ACGIH TLV: 1440 MG/M3;400 PPM

ACGIH STEL: NOT ESTABLISHED

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

Cas: 67-63-0

RTECS #: NT8050000

Name: ISOPROPYL ALCOHOL

OSHA PEL: 980 MG/M3;400 PPM

ACGIH TLV: 983 MG/M3;400 PPM

ACGIH STEL: 1230 MG/M3;500 PPM

Cas: 64742-89-8

Name: LIGHT ALIPHATIC SOLVENT NAPHTHA

Cas: 108-88-3

RTECS #: XS5250000

Name: TOLUENE

OSHA PEL: SEE TABLE Z-2

ACGIH TLV: 188 MG/M3;50 PPM

ACGIH STEL: NOT ESTABLISHED

EPA Rpt Qty: 1000 LBS

DOT Rpt Qty: 1000 LBS

Cas: 111-76-2

RTECS #: KJ8575000

Name: 2-BUTOXYETHANOL

OSHA PEL: 240 MG/M3;50 PPM

ACGIH TLV: 121 MG/M3;25 PPM

ACGIH STEL: NOT ESTABLISHED

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Health Hazards Data

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LD50 LC50 Mixture: ORAL LD50(RAT): UNKNOWN

Effects of Exposure: TARGET ORGANS: THERE IS A POTENTIAL HAZARD (FROM TOLUENE) TO THE CENTRAL NERVOUS SYSTEM, KIDNEY, LIVER & SENSE OF HEARING. EYE: SEVERELY IRRITATING. IF NOT REMOVED PROMPTLY, WILL INJURE EYE, WHICH WILL RESULT IN PERMANENT DAMAGE. SKIN: IRRITANT. PROLONGED/REPEATED CONTACT CAN CAUSE DERMATITIS. INHALATION: BREATHING HIGH VAPOR CONCENTRATION MAY RESULT IN RESPIRATORY TRACT IRRITATION, CNS DEPRESSION, LIVER & KIDNEY DAMAGE. BRAIN CELL DAMAGE MAY RESULT FROM LONG-TERM VAPOR INHALATION. INGESTION: SMALL AMOUNTS OF PRODUCT ASPIRATED INTO RESPIRATORY SYSTEM DURING INGESTION/VOMITING MAY CAUSE MILD TO SEVERE PULMONARY INJURY, POSSIBLY DEATH.

Explanation Of Carcinogenicity: NONE OF THE SOLVENTS IN THIS PRODUCT ARE LISTED AS CARCINOGENS OR POTENTIAL CARCINOGENS BY NTP, IARC, OR OSHA.

Signs And Symptoms Of Overexposure: EYE: SEVERELY IRRITATING. SKIN: DERMATITIS, DRYING, CRACKING OR IRRITATION. INHALATION: HEADACHES, DIZZINESS, DROWSINESS AND UNCONSCIOUSNESS, EVEN BRAIN CELL DAMAGE. INGESTION: MILD TO SEVERE PULMONARY INJURY POSSIBLY DEATH.

Medical Cond Aggravated By Exposure: SKIN DISORDERS, RESPIRATORY (ASTHMA-LIKE) CONDITIONS, KIDNEY DISORDERS AND LIVER DISORDERS.

First Aid: EYE: MOVE VICTIM AWAY FROM EXPOSURE AND INTO FRESH AIR. FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES WHILE HOLDING LIDS OPEN. IN CASE OF IRRITATION FROM AIRBORNE EXPOSURE, MOVE TO FRESH AIR. GET PROMPT MEDICAL ATTENTION. SKIN :REMOVE CONTAMINATED SHOES/CLOTHES. FLUSH SKIN WITH WATER AND WASH WITH SOAP AND WATER. INHALATION: USE PROPER RESPIRATORY PROTECTION, IMMEDIATELY REMOVE VICTIM TO FRESH AIR. SEEK MEDICAL ATTENTION. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. DIFFICULT BREATHING, GIVE OXYGEN. INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

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Handling and Disposal

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Spill Release Procedures: REMOVE IGNITION SOURCES, AVOID BREATHING VAPORS OR CONTACT WITH LIQUID. USE NON-SPARKING TOOLS & EXPLOSION PROOF EQUIPMENT. RECOVER FREE LIQUID OR STOP LEAK. DIKE LARGE SPILLS & USE ABSORBENT MATERIAL FOR SMALL. KEEP OUT OF SEWERS, DITCHES & BODIES OF WATER. WARN OCCUPANTS & SHIPPING IN DOWNWIND AREAS OF FIRE/EXPLOSION HAZARD & WARN TO STAY CLEAR.

Waste Disposal Methods: SEND TO LICENSED RECLAIMER OR INCINERATOR. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions: FLAMMABLE LIQUID-CLASS 1B. KEEP AWAY FROM HEAT, SPARKS, AND FLAME. KEEP CONTAINERS CLOSED WHEN NOT IN USE. AVOID EYE CONTACT. AVOID PROLONGED CONTACT WITH SKIN. WASH SKIN WITH SOAP AND WATER AFTER CONTACT.

Other Precautions: GROUND CONTAINER TO TRANSFER LIQUID TO PREVENT STATIC ACCUMULATION. "EMPTY" CONTAINERS RETAIN RESIDUE & CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE CONTAINERS TO SOURCES OF IGNITION. THEY MAY EXPLODE. DO NOT ATTEMPT TO CLEAN; THEY SHOULD BE DRAINED, BUNGED RETURNED TO SUPPLIER.

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Fire and Explosion Hazard Information

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Flash Point Method: TCC

Flash Point: =-17.6C, 0.F

Autoignition Temp: =237.8C, 460.F

Lower Limits: 2.6

Extinguishing Media: EITHER ALLOW FIRE TO BURN UNDER CONTROLLED CONDITIONS OR EXTINGUISH WITH ALCOHOL TYPE FOAM AND DRY CHEMICAL. TRY TO COVER LIQUID

SPILLS WITH FOAM.

Fire Fighting Procedures: USE WATER SPRAY TO COOL FIRE EXPOSED SURFACES AND TO PROTECT PERSONNEL. SHUT OFF "FUEL" TO FIRE. IF NOT IGNITED, USE WATER SPRAY TO DISPERSE THE VAPORS.

Unusual Fire/Explosion Hazard: EXTREMELY FLAMMABLE. VAPORS MAY CAUSE FLASH FIRE OR IGNITE EXPLOSIVELY. VAPOR MAY TRAVEL CONSIDERABLE DISTANCE TO SOURCE OF IGNITION AND FLASH BACK. PREVENT BUILDUP OF VAPORS OR GASES TO EXPLOSIVE CONCENTRATIONS.

Control Measures

Respiratory Protection: APPROPRIATE VAPOR CANISTER, SELF-CONTAINED BREATHING APPARATUS OR SUPPLIED AIR-HOSE MASK

Ventilation: IT IS NOT RECOMMENDED THAT THIS PRODUCT BE USED IN CONFINED SPACES OR IN A MANNER THAT WILL ALLOW ACCUMULATION OF HIGH VAPOR CONCENTRATIONS.

Protective Gloves: RESISTANT LIKE NITRILE RUBBER

Eye Protection: CHEMICAL SAFETY GLASSES

Other Protective Equipment: IMPERVIOUS CLOTHING OR BOOTS, IF NEEDED

Work Hygienic Practices: DO NOT USE IN CONFINED SPACES, HEAT ABOVE AMBIENT TEMPERATURE OR AGITATED. DO NOT REUSE CLOTHING UNTIL CLEANED.

Supplemental Safety and Health: VENTILATION CONTINUED: HOWEVER, FOR CONTROLLED INDUSTRIAL USES WHEN THIS PRODUCT IS USED IN CONFINED SPACES, HEAT ABOVE AMBIENT TEMPERATURES OR AGITATED, THE USE OF EXPLOSION PROOF VENTILATION IS NECESSARY TO MAINTAIN EXPOSURE LEVELS BELOW LIMITS. MIDWEST TECH P/N: 498140

Physical/Chemical Properties

HCC: F2

B.P. Text: 133-336F

Vapor Density: >AIR

Solubility in Water: MODERATE

Appearance and Odor: CLEAR, COLORLESS LIQUID; MILD SOLVENT ODOR.

Percent Volatiles by Volume: 100%

Reactivity Data

Stability Indicator: YES

Stability Condition To Avoid: HEAT, SPARKS AND FLAME.

Materials To Avoid: STRONG OXIDIZING AGENTS LIKE LIQUID CHLORINE OR CONCENTRATED OXYGEN.

Hazardous Decomposition Products: CARBON OXIDES AND CARBON MONOXIDE.

Hazardous Polymerization Indicator: NO

Toxicological Information

Toxicological Information: DEVELOPMENTAL: POTENTIAL HAZARD TO THE FETUS.

CHRONIC EFFECTS: ISOPROPYL ALCOHOL HAS BEEN REPORTED IN ONE LABORATORY ANIMAL STUDY, TO BE FETOTOXIC AT LEVELS OF 2.5% IN DRINKING WATER. NO TERATOGENIC EFFECTS WERE, OR HAVE BEEN, REPORTED. THERE ARE NO REPORTS OF ADVERSE REPRODUCTIVE EFFECTS IN HUMANS EXPOSED TO ISOPROPYL ALCOHOL. STUDIES IN EXPERIMENTAL ANIMALS WITH 2-BUTOXYETHANOL HAVE PRODUCED DAMAGE TO THE RED BLOOD CELL BY INHALATION, SKIN ABSORPTION & INGESTION. TOXIC LEVEL EFFECTS IN MALE RATS WERE ALSO OBSERVED.

Ecological Information

MSDS Transport Information

Transport Information: U.S. D.O.T. PROPER SHIPPING NAME: PAINT RELATED

MATERIAL. U.S. D.O.T. HAZARD CLASS & PACKING GROUP: 3, II.

Regulatory Information

Sara Title III Information: ACETONE, 67-64-1, 23.89%; TOLUENE, 108-88-3, 20.29%; GLYCOL ETHERS, 111-76-1, 2.25%. SARA TITLE III HAZARD CATEGORIES: IMMEDIATE (ACUTE) HEALTH, DELAYED (CHRONIC) HEALTH, FIRE.

State Regulatory Information: THIS PRODUCT CONTAINS TOLUENE, A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM AND TRACE AMOUNTS OF BENZENE, A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

Other Information

Other Information: COMMON NAMES: LACQUER REDUCER, SOLVENT MIXTURE.

Transportation Information

Responsible Party Cage: 9J570
Trans ID NO: 151231
Product ID: 457, SUNNYSIDE LACQUER THINNER
MSDS Prepared Date: 12/03/1996
Review Date: 01/29/2000
MFN: 1
Multiple KIT Number: 0
Review IND: Y

Detail DOT Information

DOT PSN Code: LFD
DOT Proper Shipping Name: PAINT
DOT PSN Modifier: INCLUDING PAINT, LACQUER, ENAMEL, STAIN, SHELLAC SOLUTIONS, VARNISH, POLISH, LIQUID FILLER, AND LIQUID LACQUER BASE
Hazard Class: 3
UN ID Num: UN1263
DOT Packaging Group: II
Label: FLAMMABLE LIQUID
Special Provision: B52,T7,T30
Packaging Exception: 150
Non Bulk Pack: 173
Bulk Pack: 242
Max Qty Pass: 5 L
Max Qty Cargo: 60 L
Vessel Stow Req: B

Detail IMO Information

IMO PSN Code: LCP
IMO Proper Shipping Name: PAINT OR PAINT RELATED MATERIAL
IMO PSN Modifier: (INCLUDING PAINT, LACQUER, ENAMEL, STAIN, SHELLAC SOLUTIONS, VARNISH, POLISH, LIQUID FILLER AND LIQUID LACQUER BASE) OR (INCLUDING PAINT THINNING OR REDUCING COMPOUND) o
IMDG Page Number: 3268
UN Number: 1263
UN Hazard Class: 3.2
IMO Packaging Group: I/II *
Subsidiary Risk Label: -
EMS Number: 3-05
MED First Aid Guide NUM: 310

Detail IATA Information

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IATA PSN Code: SXI
IATA UN ID Num: 1263
IATA Proper Shipping Name: PAINT
IATA PSN Modifier: (INCLUDING
  PAINT, LACQUER, ENAMEL, STAIN, SHELLAC, VARNISH, POLISH, LIQUID FILLER AND LIQUID
  LACQUER BASE)
IATA UN Class: 3
IATA Label: FLAMMABLE LIQUID
UN Packing Group: II
Packing Note Passenger: 305
Max Quant Pass: 5L
Max Quant Cargo: 60L
Packaging Note Cargo: 307
Exceptions: A7, A72
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Detail AFI Information

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AFI PSN Code: SXI
AFI Proper Shipping Name: PAINT OR PAINT RELATED MATERIAL
AFI PSN Modifier: (INCLUDING PAINT, LACQUER, ENAMEL, STAIN, SHELLAC
  SOLUTIONS, VARNISH, POLISH, LIQUID FILLER AND LIQUID LACQUER BASE) OR (INCLUDING
  PAINT THINNING OR REDUCING COMPOUNDS)
AFI Hazard Class: 3
AFI UN ID NUM: UN1263
AFI Packing Group: II
Special Provisions: P5
Back Pack Reference: A7.3
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HAZCOM Label

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Product ID: 457, SUNNYSIDE LACQUER THINNER
Cage: 9J570
Company Name: SUNNYSIDE CORP
Street: 225 CARPENTER AVE
City: WHEELING IL
Zipcode: 60090-6009
Health Emergency Phone: 708-541-5700
Label Required IND: Y
Date Of Label Review: 01/29/2000
Status Code: A
Origination Code: F
Chronic Hazard IND: Y
Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: WARNING
Respiratory Protection IND: YES
Health Hazard: Moderate
Contact Hazard: Slight
Fire Hazard: Moderate
Reactivity Hazard: None
Hazard And Precautions: TARGET ORGANS: THERE IS A POTENTIAL HAZARD (FROM
  TOLUENE) TO THE CENTRAL NERVOUS SYSTEM, KIDNEY, LIVER & SENSE OF HEARING.
  EYE: SEVERELY IRRITATING. IF NOT REMOVED PROMPTLY, WILL INJURE EYE, WHICH
  WILL RESULT IN PERMANENT DAMAGE. SKIN: IRRITANT. PROLONGED/REPEATED CONTACT
  CAN CAUSE DERMATITIS. INHALATION: BREATHING HIGH VAPOR CONCENTRATION MAY
  RESULT IN RESPIRATORY TRACT IRRITATION, CNS DEPRESSION, LIVER & KIDNEY
  DAMAGE. BRAIN CELL DAMAGE MAY RESULT FROM LONG-TERM VAPOR INHALATION.
  INGESTION: SMALL AMOUNTS OF PRODUCT ASPIRATED INTO RESPIRATORY SYSTEM DURING

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INGESTION/VOMITING MAY CAUSE MILD TO SEVERE PULMONARY INJURY, POSSIBLY DEATH.

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