

LHB INDUSTRIES -- SO SURE RUBBER ADHESIVE, AEROSOL

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MSDS Safety Information
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FSC: 8040
NIIN: 00-938-6860
MSDS Date: 06/11/1991
MSDS Num: BNTND
Product ID: SO SURE RUBBER ADHESIVE, AEROSOL
MFN: 01
Responsible Party
Cage: 0FTT5
Name: LHB INDUSTRIES
Address: 8833 FLEISCHER PLACE
City: ST. LOUIS MO
63134
Info Phone Number: 314-522-3141
Emergency Phone Number: 800-424-9300 CHEMTREC/ 314-522-3141
Preparer's Name: RUDOLF OPPENHEIM
Review Ind: Y
Published: Y

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Preparer Co. when other than Responsible Party Co.
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Cage: 0FTT5
Name: LHB INDUSTRIES
Address: 8833 FLEISCHER PLACE
City: ST. LOUIS MO 63134

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Contractor Summary
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Cage: 0FTT5
Name: LHB INDUSTRIES
Address: 8833 FLEISCHER PLACE
City: ST. LOUIS MO 63134
Phone: 314-522-3141

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Item Description Information
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Item Manager: GSA
Item Name: ADHESIVE
Unit of Issue: CN
Quantitative Expression: 00000000024OZ
UI Container Qty: B

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Ingredients
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Cas: 110-54-3
RTECS #: MN9275000
Name: HEXANE
% Wt: <60
Other REC Limits: NONE SPECIFIED
OSHA PEL: 500 PPM
ACGIH TLV: 50 PPM; 9293
EPA Rpt Qty: 1 LB
DOT Rpt Qty: 1 LB

Cas: 71-55-6
RTECS #: KJ2975000
Name: METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA III)
% Wt: <20
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 350 PPM
ACGIH TLV: 350 PPM/450STEL;9394
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS
Ozone Depleting Chemical: 1

Cas: 74-98-6
RTECS #: TX2275000
Name: PROPANE
% Wt: 19
Other REC Limits: NONE SPECIFIED
OSHA PEL: 1000 PPM
ACGIH TLV: 1000 PPM

Cas: 75-28-5
RTECS #: TZ4300000
Name: ISOBUTANE
% Wt: 4
Other REC Limits: NONE SPECIFIED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: 800 PPM

Cas: 106-97-8
RTECS #: EJ4200000
Name: N-BUTANE
% Wt: 7
Other REC Limits: NONE SPECIFIED
OSHA PEL: 800 PPM
ACGIH TLV: 800 PPM
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Health Hazards Data
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Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: CONC & INHAL MAT'L MAY BE HARMFUL/FATAL. REPORTS ASSOCIATE REPEAT/PROLONG OVEREXPOSURE TO SOLVENTS W/PERM BRAIN NERV SYS DAMAGE. IN CONFINED AREAS VAPORS IN HIGH CONC ARE ANESTHETIC. SKIN, RESP TRACT IRRIT. OVEREXPOSURE MAY RESULT IN LIGHTHEADEDN

ESS, STAGGERING,

GIDDINESS, NAUSEA. HARMFUL IF INGEST, SEVERE EYE IRRIT.

Signs And Symptoms Of Overexposure: IRRITATION TO EYES, THROAT AND RESPIRATORY TRACT. MAY CAUSE HEADACHE, NAUSEA AND VOMITING.

Medical Cond Aggravated By Exposure: RESPIRATORY AILMENTS.

First Aid: FOR CONTACT WITH SKIN OR CLOTHES WASH WITH SOAP & WATER; WASH CLOTHES BEFORE REUSE. FOR CONTACT WITH EYES, FLUSH WITH WATER FOR 15 MINUTES & CONTACT A PHYSICIAN/OPHTHALMOLOGIST IMMEDIATELY. IF SWALLOWE D, DO NOT

INDUCE VOMITING. GET IMMEDIATE MEDICAL AID. IF INHALED, REMOVE TO FRESH AIR & GIVE ARTIFICIAL RESPIRATION IF NECESSARY & GET MEDICAL AID. NEVER GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSON.

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Handling and Disposal
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Spill Release Procedures: REMOVE ALL SOURCES OF IGNITION AND VENTILATE AREA. MOP SPILLS WITH INERT ABSORBENT. AVOID BREATHING VAPORS.

Waste Disposal Methods: DISP

USE OF IN ACCORD W/FEDERAL, STATE & LOCAL

REGULATIONS. DON'T PUNCTURE, INCINERATE OR STORE ABOVE 120F. EXPOSURE TO HEAT OR PROLONGED EXPOSURE TO SUN MAY CAUSE CAN TO BURST. DISCARD EMPTY CAN IN TRASH PICK-UP. DON'T PLACE IN HOME TRASH COMPACTOR.

Handling And Storage Precautions: KEEP OUT OF REACH OF CHILDREN! CAUTION - CONTENTS UNDER PRESSURE. DO NOT STORE WHERE TEMPERATURES MAY EXCEED 120F. AVOID BREATHING SPRAY, MIST, VAPOR.

Other Precautions: AVOID CONTACT WITH EYES OR SKIN. USE WITH GOOD VENTILATION.

READ ENTIRE LABEL BEFORE USING. FOLLOW ALL LABEL DIRECTIONS. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING OR SWALLOWING CON TENTS MAY BE HARMFUL OR FATAL.

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Fire and Explosion Hazard Information
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Flash Point Text: NR

Lower Limits: 1.0

Upper Limits: 16.7

Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, FOAM, SAND, WATER SPRAY. AVOID SPRE

ADING ANY BURNING LIQUID WITH WATER SPRAY.

Fire Fighting Procedures: WATER MAY BE INEFFECTIVE, USE TO KEEP FIRE EXPOSED CNTNR COOL. WEAR SCBA. USE SHIELDING TO PROTECT PERSONNEL AGAINST BURSTING, RUPTURING OR VENTING OF CNTNRS.

Unusual Fire/Explosion Hazard: DON'T SPRAY NEAR OPEN FLAME. AT ELEVATED TEMPS (OVER 120F) CONTAINERS MAY VENT, RUPTURE OR BURST. DO NOT EXPOSE AEROSOL CNTNRS TO TEMPERATURES ABOVE 120F.

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Control Measures
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Respiratory Protection: NONE BELOW TLV. USE NIOSH/MSHA APPROVED MASK ABOVE TLV.
Ventilation: LOCAL EXHAUST: PREFERRED MECHANICAL (GENERAL): ACCEPTABLE AT POINT OF MIST OR SPRAY RELEASE.

Protective Gloves: TO PROTECT SKIN.

Eye Protection: CHEMICAL SPLASH GOGGLES.

Other Protective Equipment: IMPERVIOUS CLOTHES TO PROTECT SKIN. EYE WASH STATION.

Work Hygienic Practices: USE GOOD PERSONAL HYGIENE. DO NOT EAT, DRINK OR SMOKE WHILE USING PRODUC

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Physical/Chemical Properties
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HCC: V3

B.P. Text: 149 TO 190F

M.P/F.P Text: <32F,<0C

Vapor Pres: 80PSIG@70F

Vapor Density: >1

Spec Gravity: .80 (WATER=1)

Evaporation Rate & Reference: >1 (BU AC=1)

Solubility in Water: NIL

Appearance and Odor: TAN LIQUID/ADHESIVE

Percent Volatiles by Volume: 79

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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: EXTREME HEAT

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE. VARIOUS HYDROCARBONS, HYDROGEN CHLORIDE, MERCAPTANS, PHOSGENE, CHORINE.

Hazardous Polymerization Indicator: NO

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Toxicological Information
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Ecolog

ical Information

MSDS Transport Information

Regulatory Information

Other Information

Transportation Information

Responsible Party Cage: 0FTT5

Trans ID NO: 93977

Product ID: SO SURE RUBBER ADHESIVE, AEROSOL

MSDS Prepared Date: 06/11/1991

Review Date: 09/17/1992

MFN: 1

Multiple KIT Number: 0

Review IND: Y

Unit Of Issue: CN

Container QTY: B

Detail DOT Information

DOT PSN Code: D

TJ

Symbols: D

DOT Proper Shipping Name: CONSUMER COMMODITY

Hazard Class: ORM-D

Label: NONE

Non Bulk Pack: 156,306

Bulk Pack: NONE

Max Qty Pass: 30KGGROSS

Max Qty Cargo: 30KGGROSS

Vessel Stow Req: A

Detail IMO Information

IMO PSN Code: AKH

IMO Proper Shipping Name: AEROSOLS/AEROSOL PRODUCT ?

IMDG Page Number: SEE 9022

UN Number: 1950

UN Hazard Class: 9?

IMO Packaging Group: -

Subsidiar

y Risk Label: -
EMS Number: 2-13

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Detail IATA Information
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IATA PSN Code: ALS
IATA UN ID Num: 1950
IATA Proper Shipping Name: AEROSOLS, FLAMMABLE
IATA PSN Modifier: (EACH NOT EXCEEDING 1 L CAPACITY)
IATA UN Class: 2.1
IATA Label: FLAMMABLE GAS
Packing Note Passenger: 203
Max Quant Pass: 75KG
Max Quant Cargo: 150KG
Packaging Note Cargo: 203
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Detail AFI Information
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AFI PSN Code: ALS
AFI Proper Shipping Name: AEROSOLS, NONFLAMMABLE, N.O.S.
AFI PSN Modifier: CONTAINING SUBSTANCES IN CLASS 8, PACKING GROUP I OR II
AFI Hazard Class: FORB
Back Pack Reference: FORBIDDEN
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HAZCOM Label
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Cage: 0FTT5
Company Name: LHB INDUSTRIES
Street: 8833 FLEISCHER PLACE
City: ST. LOUIS MO
Zipcode: 63134
Health Emergency Phone: 800-424-9300 CHEMTREC/ 314-522-3141
Label Required IND: Y
Date Of Label Review: 12/16/1998
Status Code: C
Label Date: 12/16/1998
Origination Code: G
Hazard And Precautions: CONC & INHAL MAT'L MAY BE HARMFUL/FATAL. REPORTS ASSOCIATE REPEAT/PROLONG OVEREXPOSURE TO SOLVENTS W/PERM BRAIN NERV SYS DAMAGE. IN CONFINED AREAS VAPORS IN HIGH CONC ARE ANESTHETIC. SKIN, RESP TRACT IRRIT. OVEREXPOSURE MAY R

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of Defense or other government situation.