

LHB INDUSTRIES -- SO-SURE RUBBER ADHESIVE, PART # 532E800

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MSDS Safety Information  
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FSC: 8040  
NIIN: 00-938-6860  
MSDS Date: 03/28/1994  
MSDS Num: BWGKT  
Product ID: SO-SURE RUBBER ADHESIVE, PART # 532E800  
MFN: 03  
Responsible Party  
Cage: 0FTT5  
Name: LHB INDUSTRIES  
Address: 8833 FLEISCHER PLACE  
City: ST. L  
OUIS MO 63134  
Info Phone Number: 314-522-3141  
Emergency Phone Number: 314-522-3141 OR 800-424-9300  
Preparer's Name: RUDOLF OPPENHEIM  
Review Ind: Y  
Published: Y

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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 (N-HEXANE)  
% Wt: 36.67  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: 500 PPM  
ACGIH TLV: 50 PPM; 9394  
EPA Rpt Qty: 1 LB  
DOT Rpt Qty: 1 LB

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Cas:

75-09-2

RTECS #: PA8050000

Name: METHYLENE CHLORIDE (SARA III)

% Wt: 10.16

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 500 PPM; Z-2

ACGIH TLV: 50 PPM, A2; 9394

EPA Rpt Qty: 1000 LBS

DOT Rpt Qty: 1000 LBS

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Cas: 74-98-6

RTECS #: TX2275000

Name: PROPANE

% Wt: 18.73

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 1000 PPM

ACGIH TLV: ASPHYXIAN; 9394

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Cas: 75-28-5

RTECS #: TZ4300000

Name: ISOBUTANE

% Wt: 7.37

Other REC Limits: NONE RECOMMEND

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OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

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Cas: 106-97-8

RTECS #: EJ4200000

Name: BUTANE

% Wt: 4.60

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 800 PPM

ACGIH TLV: 800 PPM; 9394

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RTECS #: 9999999VO

Name: VOLATILE ORGANIC CONTENT = 561 GM/GAL

% Wt: 80

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

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Health Hazards Data  
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LD50 LC50 Mixture: LD50 (ORAL RAT) IS UNKNOWN

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: YES

IARC: YES

OSHA: NO

Effects of Exposure: DELIBERATELY CONCENTRATING & INHALING CONTENTS MAY BE HARMFUL/FATAL. REPORTS ASSOCIATE REPEATED & PROLONGED OVEREXPOSURE TO SOLVENTS W/PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. IN CONFINED AREAS,HIGH C ONCENTRATIONS VAPORS ARE ANESTHETIC. HARMFUL IF SWALLOWED.

METHYLENE CHLORIDE IS A LISTED CARCINOGEN.

Explanation Of Carcinogenicity: DICHLOROMETHANE (METHYLENE CHLORIDE) IS LISTED BY IARC & NTP.

Signs And Symptions Of Overexposure: IRRITATION TO EYES, THROAT, AND RESPIRATORY TRACT. MAY CAUSE HEADACHES, NAUSEA,& VOMITING. CAN CAUSE SEVERE EYE IRRITATION, REDNESS, TEARING, BLURRED VISION. PROLONGED OR REPEATED SKIN CONTACT CAN CAUSE MODERATE IRRITATION, DEFATTING & DERMATITIS.

Medical Cond Aggravated By Exposure: CENTRAL NERVOUS SYSTEM DISORDERS

First Aid: FOR CONTACT WITH SKIN OR CLOTHES WASH WITH SOAP & WATER; WASH CLOTHING BEFORE REUSE. FOR CONTACT WITH EYES, FLUSH WITH WATER FOR 15 MINUTES AND CONTACT A PHYSICIAN/OPHTHALMOLOGIST IMMEDIATELY. IF SWALLOWED, 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. AVOID SKIN OR EYE CONTACT. PICK UP SPILLAGE WITH ABSORBENT MATERIAL AND PLACE INTO A CONTAINER.

Neutralizing Agent: MFR GAVE NO INFORMATION ON MSDS.

Waste Disposal Methods: DISPOSE IN ACCORD WITH 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. CONTENTS UNDER PRESSURE. DO NOT STORE WHERE TEMPERATURES MAY EXCEED 120F. AVOID BREATHING SPRAY, MIST OR VAPOR.

Other Precautions: AVOID CONTACT WITH EYES AND SKIN. USE WITH GOOD VENTILATION. READ ENTIRE LABEL BEFORE USING. FOLLOW ALL LABEL DIRECTIONS. INTENTIONA

L MISUSE BY DELIBERATELY CONCENTRATING AND INHALING OR SWALLOWING CONTENTS MAY BE HARMFUL OR FATAL.

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Fire and Explosion Hazard Information  
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Flash Point Text: 18.0F,-7.8C LIQU

Autoignition Temp Text: 874 F

Lower Limits: 1.8

Upper Limits: 9.8

Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, FOAM, SAND, WATER SPRAY. AVOID AVOID SPREADING BURNING LIQUID WITH WATER SPRAY.

Fire Fight

ing Procedures: WATER MAY BE INEFFECTIVE, USE TO COOL FIRE EXPOSED CONTAINER. WEAR SCBA. USE SHIELDING TO PROTECT PERSONNEL FROM BURSTING, RUPTURING OR VENTING OF CONTAINERS.

Unusual Fire/Explosion Hazard: DON'T SPRAY NEAR OPEN FLAME. AT ELEVATED TEMPERATURE (>120F) CONTAINERS MAY VENT, RUPTURE OR BURST. AEROSOL CONTAINER: DON'T EXPOSURE TO TEMPERATURE 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 PRODUCT.

Supplemental Safety and Health: NONE  
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Physical/Chemical Properties  
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HCC: V3  
NRC/State LIC No: NONE  
Vapor Pres: 60 MM  
Vapor Density: >1.5  
Spec Gravity: 0.892  
Solubility in Water: INSOLUBLE  
Appearance and Odor: TAN LIQUID;SOLVENT ODOR  
Percent Volatiles by Volume: 80  
Corrosion Rate: UNKNOWN  
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Reactivity Data  
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Stability In  
dicator: YES  
Stability Condition To Avoid: HEAT, SPARKS, WELDING ARC, OPEN FLAME AND STATIC  
ELECTRICITY.  
Materials To Avoid: OXIDIZING AGENTS. ACIDS.  
Hazardous Decomposition Products: CARBON MONOXIDE, AND CARBON DIOXIDE. VARIOUS  
HYDROCARBONS.  
Hazardous Polymerization Indicator: NO  
Conditions To Avoid Polymerization: WILL NOT OCCUR.  
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Toxicological Information  
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Ecological Information  
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MSDS Transport Information  
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Regulatory Information  
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Other Information  
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Transportation Information  
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Responsible Party Cage: 0FTT5  
Trans ID NO: 93979  
Product ID: SO-SURE RUBBER ADHESIVE, PART # 532E800  
MSDS Prepared Date: 03/28/1994  
Review Date: 12/31/1994  
MFN: 3  
Net Unit Weight: UNKNOWN  
Multiple KIT Number: 0  
Review IND: Y  
Unit Of Issue: CN  
Container QTY: B  
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Detail DOT Information  
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DOT PSN Code: DTJ  
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  
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Detail IMO Information  
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IMO PSN Code: AIY  
IMO Proper Shipping Name: AEROSOL DISPENSERS ?  
IMO PSN Modifier: ,WITH A CAPA  
CITY OF 1000 CUBIC CM OR LESS  
IMDG Page Number: 9022  
UN Number: 1950  
UN Hazard Class: 9?  
IMO Packaging Group: -  
Subsidiary Risk Label: -  
EMS Number: 2-13  
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Detail IATA Information  
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IATA PSN Code: XXX  
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Detail AFI Information  
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AFI PSN Code: ALR  
AFI Symbols: \*  
AFI Proper Shipping N

ame: AEROSOLS, FLAMMABLE, N.O.S.  
AFI PSN Modifier: (EACH NOT EXCEEDING 1L CAPACITY)  
AFI Hazard Class: 2.1  
AFI UN ID NUM: UN1950  
Special Provisions: P4  
Back Pack Reference: A6.3

=====  
HAZCOM Label  
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Product ID: SO-SURE RUBBER ADHESIVE, PART # 532E800

Cage: 0FTT5

Company Name: LHB INDUSTRIES

Street: 8833 FLEISCHER PLACE

City: ST. LOUIS MO

Zipcode: 63134

Health Emergency Phone: 314-522-3141 OR  
800-424-9300

Label Required IND: Y

Date Of Label Review: 12/31/1994

Status Code: C

MFG Label NO: NONE

Label Date: 12/31/1994

Origination Code: F

Chronic Hazard IND: Y

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: DANGER

Respiratory Protection IND: YES

Health Hazard: Moderate

Contact Hazard: Slight

Fire Hazard: Severe

Reactivity Hazard: None

Hazard And Precautions: \*\*TARGET ORGANS:SKIN, CVS, EYES, CNS, RESPIRATORY  
SYSTEM \*\* DELIBERATELY CONCENTRATING & INHALING CONTENTS MA

Y BE

HARMFUL/FATAL. REPORTS ASSOCIATE REPEATED & PROLONGED OVEREXPOSURE TO  
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AVOID BREATHING SPRAY, MIST OR VAPOR.

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