

LHB INDUSTRIES -- SO SURE GRAY 16440 14-183

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MSDS Safety Information  
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FSC: 8010  
NIIN: 00-835-7215  
MSDS Date: 04/16/1992  
MSDS Num: BPGBH  
Product ID: SO SURE GRAY 16440 14-183  
MFN: 02  
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: ENAMEL  
Specification Number: A-A-665D  
Unit of Issue: PT  
UI Container Qty: 0

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Ingredients  
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Cas: 1330-20-7  
RTECS #: ZE2100000  
Name: XYLENE (SARA III)  
% Wt: 1.47  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: 100 PPM  
EPA Rpt Qty: 1000 LBS  
DOT Rpt Qty: 1000 LBS

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Cas: 8030-30-6  
RTECS #: DE3030000  
Name: VM & NAPHTHA  
% Wt: 4.40  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: 300 PPM  
ACGIH TLV: 300 PPM

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Cas: 64742-94-5  
RTECS #: SE7546500  
Name: AROMATIC 150  
% Wt: &lt;1.47  
Other REC Limits: NONE  
SPECIFIED  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: 100 PPM

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Cas: 108-88-3  
RTECS #: XS5250000  
Name: TOLUENE (SARA III)  
% Wt: 26.91  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: 200 PPM/150 STEL  
ACGIH TLV: 50 PPM; 9293  
EPA Rpt Qty: 1000 LBS  
DOT Rpt Qty: 1000 LBS

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Cas: 67-64-1  
RTECS #: AL3150000  
Name: ACETONE (SARA III)  
% Wt: 19.29  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: 1000PPM  
ACGIH TLV: 750PPM/1000STEL;9293  
EPA Rpt Qty: 5000 LBS  
DOT Rpt Q

ty: 5000 LBS

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Cas: 100-41-4  
RTECS #: DA0700000  
Name: ETHYLBENZENE (SARA III)  
% Wt: &lt;1.47  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: 100 PPM  
ACGIH TLV: 100 PPM  
EPA Rpt Qty: 1000 LBS  
DOT Rpt Qty: 1000 LBS  
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Cas: 74-98-6  
RTECS #: TX2275000  
Name: PROPANE  
% Wt: 16.72  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: 1000 PPM  
ACGIH TLV: 1000 PPM  
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Cas: 75-28-5  
RTECS #: TZ4300000  
Name: ISOBUTANE  
% Wt: 4.11  
Other REC Li  
mits: NONE SPECIFIED  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: 800 PPM  
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Cas: 106-97-8  
RTECS #: EJ4200000  
Name: N-BUTANE  
% Wt: 6.58  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: 800 PPM  
ACGIH TLV: 800 PPM  
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RTECS #: 9999999VO  
Name: VOC: 649 G/L  
Other REC Limits: NONE SPECIFIED  
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Health Hazards Data  
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Route Of Entry Inds - Inhalation: YES  
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kin: YES  
Ingestion: YES  
Carcinogenicity Inds - NTP: NO  
IARC: NO  
OSHA: NO

Effects of Exposure: CONCENTRATING & INHALING MAY BE HARMFUL/FATAL.  
REPEATED & PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS: PERMANENT  
BRAIN & NERVOUS SYS DAMAGE. IN CONFINED AREAS VAPOR IN HIGH CONC ARE  
ANESTHETIC. IRRIT TO SKIN & RESP TRACT. LIGHT HEADEDNESS, STAGGERING,  
GIDDINESS, NAUSEA. HARMFUL IF SWALLOWED. SEVERE EYE IRRITATION.

Signs And Symptoms Of Overexposure: IRRITATION TO EYES, THRO  
AT AND RESPIRATORY

TRACT. MAY CAUSE HEADACHES, 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 PHYSICIAN/OPHTHAMOLOGIST IMMEDIATELY. IF SWALLOWED, DO NOT  
INDUCE VOMITING. GET IMMEDIATE MEDICAL AID. IF INHALED, REMOVE TO FRESH AIR  
AND GIVE ARTIFICIAL RESPIRATION IF NECESSARY AND GET MED AI

D. 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: DISPOSE OF IN ACCORDANCE W/FEDERAL, STATE & LOCAL  
REGULATIONS. DO NOT PUNCTURE, INCINERATE OR STORE ABOVE 120F. EXPOSURE TO  
HEAT OR PROLONGED  
EXPOSURE TO SUN MAY CAUSE BURSTING. DISCARD EMPTY CAN IN T  
RASH PICK-UP. DON'T PLACE IN HOME TRASHCOMPACTOR.

Handling And Storage Precautions: KEEP OUT OF REACH OF CHILDREN!  
CAUTION-CONTENTS UNDER PRESSURE. DO NOT STORE ABOVE 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. INTENTIONAL  
MISUSE BY DELIBERATELY CONCENTRATING & 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: NR

Autoignition Temp Text: 874 F

Lower Limits: 1.8

Upper Limits: 9.5

Extinguishing Media: CO2, DRY CHEMICAL, FOAM, SAND, WATER SPRAY. AVOID  
SPREADING ANY BURNING LIQUID WITH WATER SPRAY.

Fire Fighting Procedures: WATER MAY BE INEFFECTIVE, USE TO KEEP FIRE EXPOSED  
CONTNR 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  
TEMPERATURES (OVER 120F) CONTAINERS MAY VENT RUPTURE OR BURST. AEROSOL  
CONTAINERS; DO NOT EXPOSE TO TEMPS 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 CLOTHING TO PROTECT SKIN. EYE WASH  
STATION.

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

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Physical/Chemical Properties  
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HCC: V3

Vapor Pres: 60 @ 68F

Vapor Density: >1.5

Spec Gravity: 0.971 (WATER=1)

Solubility in Water: INSOLUBLE

Appearance and Odor: GRAY/ PAINT

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Reactivity Data  
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Stability Indicator: YES

Stability Condition To Avoid: EXTREME HEAT.

Hazardous Decomposition Products: CARBON MONOXIDE, AND POSSIBLE HYDROGEN  
CHLORIDE.

Hazardous Polymerization Indicator: NO

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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: 87896  
Product ID: SO SURE GRAY 16440 14-183  
MSDS Prepared Date: 04/16/1992  
Review Date: 09/04/1992  
MFN: 2  
Multiple KIT Number: 0  
Review IND: Y  
Unit Of Issue: PT  
Con  
tainer QTY: 0  
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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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MO 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: -  
Subsidiary 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 L

abel: 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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Product ID: SO SURE GRAY 16440 14-183  
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: CONCENTRATING & INHALING MAY BE HARMFUL/FATAL.  
REPEATED & PROLONGED  
OCCUPATIONAL OVEREXPOSURE TO SOLVENTS: PERMANENT  
BRAIN & NERVOUS SYS DAMAGE. IN CONFINED AREAS VAPOR IN HIGH CONC ARE  
ANESTHETIC. IR RIT TO SKIN & RESP TRACT. LIGHT HEADEDNESS, STAGGERING,  
GIDDINESS, NAUSEA. HARMFUL IF SWALLOWED. SEVERE EYE IRRITATION. IRRITATION TO  
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