

LHB INDUSTRIES -- SO SURE ID 14260 44-144

=====  
MSDS Safety Information  
=====

FSC: 8010  
NIIN: 01-060-6461  
MSDS Date: 05/15/1992  
MSDS Num: BPRNK  
Product ID: SO SURE ID 14260 44-144  
MFN: 03  
Responsible Party  
Cage: 0FTT5  
Name: LHB INDUSTRIES  
Address: 8833 FLEISCHER PLACE  
City: ST. LOUIS MO 63134  
In  
fo 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

=====  
Preparer Co. when other than Responsible Party Co.  
=====

Cage: 0FTT5  
Name: LHB INDUSTRIES  
Address: 8833 FLEISCHER PLACE  
City: ST. LOUIS MO 63134

=====  
Contractor Summary  
=====

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

=====  
Item Description Information  
=====

Item Manager: GSA  
Item Name: ENAMEL  
Specification Number: TT-E-489H  
Unit of Issue: BX  
Quantitative Expression: 00000000012EA  
UI Container Qty: 0  
Type of Container: METAL  
=====

=====

Ingredients

=====

Cas: 1330-20-7  
RTECS #: ZE2100000  
Name: XYLENE (SARA III)  
% Wt: 2.99  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: 100 PPM  
EPA Rpt Qty: 1000 LBS  
DOT Rpt Qty: 1000 LBS

-----

Cas: 64475-85-0  
RTECS #: PY8240000  
Name: MINERAL SPIRITS  
% Wt: &lt;1.50  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: 100 PPM  
ACGIH TLV: 100 PPM

-----

Cas: 108-88-3  
RTECS #: XS  
5250000  
Name: TOLUENE (SARA III)  
% Wt: 14.66  
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

-----

Cas: 67-64-1  
RTECS #: AL3150000  
Name: ACETONE (SARA III)  
% Wt: 24.44  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: 1000PPM  
ACGIH TLV: 750PPM/1000STEL;9293  
EPA Rpt Qty: 5000 LBS  
DOT Rpt Qty: 5000 LBS

-----

Cas: 100-41-4  
RTECS #: DA0700000  
Name: ETHYLBENZENE (SARA III)  
% W

t: &lt;1.50  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: 100 PPM  
ACGIH TLV: 100 PPM  
EPA Rpt Qty: 1000 LBS  
DOT Rpt Qty: 1000 LBS

-----  
Cas: 64742-95-6  
RTECS #: SE7546000  
Name: AROMATIC 100  
% Wt: &lt;1.50  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: 50 PPM  
ACGIH TLV: 50 PPM

-----  
Cas: 123-86-4  
RTECS #: AF7350000  
Name: N-BUTYL ACETATE  
% Wt: 1.50  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: 150 PPM  
ACGIH TLV: 150 PPM  
EPA Rpt Qty: 5000 LBS  
DOT Rpt Qty: 5000  
LBS

-----  
Cas: 78-93-3  
RTECS #: EL6475000  
Name: METHYL ETHYL KETONE (SARA III)  
% Wt: 1.50  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: 200 PPM  
ACGIH TLV: 200 PPM  
EPA Rpt Qty: 5000 LBS  
DOT Rpt Qty: 5000 LBS

-----  
Cas: 110-12-3  
RTECS #: MP3850000  
Name: ISOAMYL METHYL KETONE  
% Wt: 1.50  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: 100 PPM  
ACGIH TLV: 50 PPM; 9293

-----  
Cas: 8032-32-4  
RTECS #: OI6180000  
Name: PETROLEUM HYDROCARBON

MIX LIGROIN  
% Wt: &lt;1.50  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: 300 PPM  
ACGIH TLV: 300 PPM  
-----

Cas: 74-98-6  
RTECS #: TX2275000  
Name: PROPANE  
% Wt: 18.88  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: 1000 PPM  
ACGIH TLV: 1000 PPM  
-----

Cas: 75-28-5  
RTECS #: TZ4300000  
Name: ISOBUTANE  
% Wt: 7.43  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: 800 PPM  
-----

Cas: 106-97-8  
RTECS #: EJ4200000  
Name: N-B  
UTANE  
% Wt: 4.64  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: 800 PPM  
ACGIH TLV: 800 PPM  
-----

RTECS #: 9999999VO  
Name: VOC: 82%; 613 G/L  
Other REC Limits: NONE SPECIFIED

=====  
Health Hazards Data  
=====

Route Of Entry Inds - Inhalation: YES  
Skin: YES  
Ingestion: YES  
Carcinogenicity Inds - NTP: NO  
IARC: NO  
OSHA: NO  
Effects of Exposure: CONCENTRATING & INHALING MAY BE HARM

FUL/FATAL.

REPEATED/PROLONGED OVEREXPOSURE TO SOLVENTS: PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. IN CONFINED AREAS VAPOR IN HIGH CONCENTRATIONS ARE ANESTHETIC. IRRIT TO SKIN & RESP TRACT. LIGHT HEADEDNESS, STAGGERING, GIDDINESS, NAUSEA. HARMFUL IF SWALLOWED. SEVERE EYE IRRITATION.

Signs And Symptoms Of Overexposure: IRRIT TO EYES, THROAT & RESP TRACT. MAY CAUSE HEADACHES, NAUSEA & VOMITING.

Medical Cond Aggravated By Exposure: RESPIRATORY AILMENTS.

First Aid: FOR CONT

ACT 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 AID. NEVER GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSON.

=====  
Handling and Disposal  
=====

=====  
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: KE EP 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 CONT ENTS MAY BE HARMFUL OR FATAL.

=====  
Fire and Explosion Hazard Information  
=====

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 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 E

LEVATED

TEMPERATURES (OVER 120F) CONTAINERS MAY VENT RUPTURE OR BURST. AEROSOL CONTAINERS; DO NOT EXPOSE TO TEMPS ABOVE 120F.

=====  
Control Measures  
=====

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.

=====  
Physical/Chemical Properties  
=====

HCC: V3

Vapor Pres: 60 @ 68F

Vapor Density: >1.5

Spec Gravity: 0.916 (WATER=1)

Solubility in Water: INSOLUBLE

Appearance and Odor: GREEN / PAINT.

=====  
Reactivity Data  
=====

Stability Indicator: YES

Stability Condition To Avoid: EXTREME HEAT.

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

Hazardous Polymerization Indicator: NO

=====  
Toxicological Information  
=====

=====  
Ecological Information  
=====

=====  
MSDS Transport Information  
=====

=====  
Regulatory Information  
=====

=====  
Other Information  
=====

=====

=====  
Transportation Information  
=====

Responsible Party Cage: 0FTT5  
Trans ID NO: 104203  
Product ID: SO SURE ID 14260 44-144  
MSDS Prepared Date: 05/15/1992  
Review Date: 09/21/1992  
MFN: 3  
Multiple KIT Number: 0  
Review IND: Y  
Unit Of Issue: BX  
Container QTY: 0  
Type Of Container: METAL  
=====

=====  
Detail DOT Information  
=====

=====  
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  
=====

=====  
Detail IMO Information  
=====

IMO PSN Code: AKH  
IMO Proper Shipping Name: AEROSOLS/AEROSOL PRODUCT ?  
IMDG Page Number: SEE 9022  
UN Number: 1950  
UN Hazar  
d Class: 9?  
IMO Packaging Group: -  
Subsidiary Risk Label: -  
EMS Number: 2-13  
=====

=====  
Detail IATA Information  
=====

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  
=====

=====  
Detail AFI Information  
=====

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  
=====

HAZCOM Label  
=====

Product ID: SO SURE ID 14260 44-144

Ca

ge: 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 OVEREXPOSURE TO SOLVENTS: PERMANENT BRAIN & NERVOUS  
SYSTEM DAMAGE. IN CONFINED AREAS VAPOR IN HIGH CONCENTRATIONS ARE ANEST  
HETIC.

IRRI T TO SKIN & RESP TRACT. LIGHT HEADEDNESS, STAGGERING, GIDDINESS,  
NAUSEA. HARMFUL IF SWALLOWED. SEVERE EYE IRRITATION. IRRIT TO EYES, THROAT  
& RESP TRACT. MAY CAUSE HEADACHES, NAUSEA & VOMITING.

=====  
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, states, or intends said information to have any application, use or  
viability by or to any person or persons outside the Department of Defense  
nor any person or persons contracting with any instrumentality of the United  
States of America and disclaims all liability for such use. Any person  
utilizing this instruction who is not a military or civilian employee of the  
United States of America should seek competent professional advice to verify  
and assume responsib



ility for the suitability of this information to their  
particular situation regardless of similarity to a corresponding Department  
of Defense or other government situation.