

LHB INDUSTRIES -- SO-SURE BLACK 37038 (0054-390)

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

FSC: 8010  
NIIN: 00-910-8154  
MSDS Date: 10/02/1997  
MSDS Num: CGXNG  
Product ID: SO-SURE BLACK 37038 (0054-390)  
MFN: 07  
Responsible Party  
Cage: 0FTT5  
Name: LHB INDUSTRIES  
Address: 8833 FLEISCHER PLACE  
City: ST. LOUIS MO 6  
3134  
Info Phone Number: 314-522-3141  
Emergency Phone Number: 800-424-9300 CHEMTREC/ 314-522-3141  
Preparer's Name: ROBIN C. GANNON  
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-516A  
Unit of Issue: PT  
UI Container Qty: 0

=====  
Ingredients  
=====

=====

Cas: 108-88-3

RTECS #: XS5250000

Name: TOLUENE (SARA III)

% Wt: 14.66

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 200 PPM

ACGIH TLV: 100 PPM

EPA Rpt Qty: 1000 LBS

DOT Rpt Qty: 1000 LBS

-----  
Cas: 67-64-1

RTECS #: AL3150000

Name: ACETONE (SARA III)

% Wt: 23.09

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 1000 PPM

ACGIH TLV: 750 PPM

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

-----  
Cas: 1330-20-7

RTECS #: ZE2100000

Name: XYLENE (SARA III)

% Wt: 3.78

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 100 PPM

ACGIH TLV: 100 PPM

EPA Rpt Qty: 1000 LBS

DOT Rpt Qty: 1000 LBS

-----  
Cas: 100-41-4

RTECS #: DA0700000

Name: ETHYLBENZENE (SARA III)

% Wt: &lt;1.89

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 100 PPM

ACGIH TLV: 100 PPM

EPA Rpt Qty: 1000 LBS

DOT Rpt Qty: 1000 LBS

-----  
Cas: 74-98-6

RTECS #: TX2275000

Name: PROPANE

% Wt: 14.90

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 1000 PPM

ACGIH

TLV: 1000 PPM

-----

Cas: 75-28-5

RTECS #: TZ4300000

Name: 2-METHYL PROPANE

% Wt: 3.66

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: 800 PPM

-----

Cas: 106-97-8

RTECS #: EJ4200000

Name: N-BUTANE

% Wt: 5.86

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 800 PPM

ACGIH TLV: 800 PPM

-----

Cas: 108-65-6

RTECS #: AI8925000

Name: 2-METHOXY-1-METHYL ETHYL ACETATE

% Wt: 1.89

Other REC Limits: NONE RECOMMEND

ED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

-----

Cas: 8032-32-4

RTECS #: OI6180000

Name: VM & P NAPHTHA

% Wt: 11.35

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 100 PPM

ACGIH TLV: 100 PPM

=====

Health Hazards Data

=====

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: EYE:

IRRIT. SKIN: IRRIT. INHAL: HARMFUL, FATAL, BRAIN/NS  
DAMAGE, ANESTHETIC, RESPIRATORY TRACT IRRIT, LIGHT HEADEDNESS, STAGGERING  
GAIT, GIDDY, NAUSEA, THROAT IRRIT, HEADACHE, VOMIT. INGEST: HARMFUL.  
Medical Cond Aggravated By Exposure: RESPIRATORY AILMENTS  
First Aid: EYE: FLUSH W/WATER FOR 15 MINUTES. SKIN: WASH W/SOAP & WATER.  
WASH CLOTHES BEFORE REUSE. INHAL: REMOVE TO FRESH AIR. ARTIF RESP IF NEEDED.  
INGEST: DONT INDUCE VOMIT. IN ALL CASES, GET MEDICAL ATTENTIO N.

=====

=====

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: IN ACCORDANCE W/FEDERAL, STATE, LOCAL REGULATIONS. DONT  
PUNCTURE, INCINERATE OR STORE >120F. EXPOSURE TO HEAT OR PROLONGED  
EXPOSURE TO SUN MAY CAUSE CAN TO BURST. DISCARD EMPTY CAN IN TRASH PICK-UP. D  
ONT PLACE IN HO  
ME TRASH COMPACTOR.

Handling And Storage Precautions: KEEP OUT OF REACH OF CHILDREN. CONTENTS UNDER  
PRESSURE. DONT STORE WHERE TEMPERATURE MAY EXCEED 120F.

Other Precautions: USE WITH GOOD VENTILATION. READ ENTIRE LABEL BEFORE USING.  
FOLLOW ALL LABEL DIRECTIONS.

=====

Fire and Explosion Hazard Information

=====

Flash Point Text: -156F,-104C

Lower Limits: 1.8

Upper Limits: 9.5

Extinguishing Me

dia: CARBON DIOXIDE, DRY CHEMICAL, FOAM, SAND, WATER SPRAY.

AVOID SPREADING ANY BURNING LIQUID WITH WATER SPRAY.

Fire Fighting Procedures: WATER MAY BE INEFFECTIVE. USE WATER TO COOL  
CONTAINERS. USE SCBA. USE SHIELDING TO PROTECT PERSONNEL FROM BURSTING,  
RUPTURING OR VENTING OF CONTAINERS.

Unusual Fire/Explosion Hazard: DONT SPRAY NEAR OPEN FLAME. AT ELEVATED  
TEMPERATURE (>120F) CONTAINERS MAY VENT, RUPTURE OR BURST. AEROSOL  
CONTAINER: DONT EXPOSE TO TEMPERATURE 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: REQUIRED

Eye Protection: CHEMICAL SPLASH GOGGLES

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

Work Hygienic Practices: USE GOOD PERSO

NAL HYGIENE. DONT EAT OR SMOKE WHILE  
USING PRODUCT.

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

B.P. Text: NA  
M.P/F.P Text: NA  
Decomp Text: NA  
Vapor Pres: 60 @ 68F  
Vapor Density: >1.5 AIR=1  
Spec Gravity: 0.798 AEROSOL  
PH: NA  
VOC Grams/Liter: 452  
Solubility in Water: INSOLUBLE  
Appearance and Odor: BLACK PAINT  
Corrosion Rate: NA

=====  
Reactivity D  
ata

=====  
Stability Indicator: YES  
Stability Condition To Avoid: EXTREME HEAT  
Materials To Avoid: NA  
Hazardous Decomposition Products: CARBON MONOXIDE AND POSSIBLE HYDROGEN  
CHLORIDE.  
Hazardous Polymerization Indicator: NO  
Conditions To Avoid Polymerization: NA

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

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

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

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

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

Othe

r Information: VOC = 452 G/L

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

Responsible Party Cage: 0FTT5  
Trans ID NO: 91463  
Product ID: SO-SURE BLACK 37038 (0054-390)  
MSDS Prepared Date: 10/02/1997  
Review Date: 03/24/1998  
MFN: 7  
Multiple KIT Number: 0  
Review IND: Y  
Unit Of Issue: PT  
Container QTY: 0  
=====

=====  
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 Haz  
ard 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: ALR  
AFI Symbols: \*  
AFI Proper Shipping Name: 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  
=====

Product  
ID: SO-SURE BLACK 37038 (0054-390)  
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: 10/12/1999  
Status Code: A  
Origination Code: G  
Hazard And Precautions: EYE: IRRIT. SKIN: IRRIT. INHAL: HARMFUL, FATAL,  
BRAIN/NS DAMAGE, ANESTHETIC, RESPIRATORY TRACT IRRIT, LIGHT HEADEDNESS,  
STAGGERING GAIT, GIDDY, NAUSEA, THROAT IRRIT, HEADACHE, VOMIT.  
INGEST:  
HARMFUL.  
=====

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