

LHB INDUSTRIES -- SO SURE FLAT BLACK 37038 (144-390)

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MSDS Safety Information
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FSC: 8010
NIIN: 00-935-7079
MSDS Date: 02/01/1993
MSDS Num: BTSQZ
Product ID: SO SURE FLAT BLACK 37038 (144-390)
MFN: 04
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: 314-522-3141 800-424-9300(CHEMTREC)
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: LACQUER
Type/Grade/Class: COMPOSITION L
Unit of Issue: PT
UI Container Qty: 0

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Ingredients
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Cas: 108-88-3
RTECS #: XS5250000
Name: TOLUENE (SARA III)
% Wt: 14.26
Other REC Limits: NONE SPECIFIED
OSHA PEL: 200 PPM; Z-2
ACGIH TLV: S, 50 PPM; 9394
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 67-64-1
RTECS #: AL3150000
Name: ACETONE (SARA III)
% Wt: 33.18
Other REC Limits: NONE SPECIFIED
OSHA PEL: 1000PPM
ACGIH TLV: 750PPM/1000STEL;9394
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 1330-20-7
RTECS #: ZE2100000
Name: XYLENES (O-,M-,P- ISOMERS) (SARA III)
% Wt: <2.19
Other REC Limits: NONE SPECIFIED
OSHA PEL: 100 PPM
ACGIH TLV: 100 PPM/150STEL;9394
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 84549-57-8
Name: PM ACETATE
% Wt: 6.58
Other REC Limits: NONE SPECIFIED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 112-07-2
RTECS #: KJ8925000
Name: BUTYL CELLOSOLVE ACETATE
% Wt: 2.19
Other REC Limits: NONE SPECI

FIED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 71-36-3
RTECS #: EO1400000
Name: N-BUTYL ALCOHOL (SARA III)
% Wt: <2.19
Other REC Limits: NONE SPECIFIED
OSHA PEL: 100 PPM
ACGIH TLV: S, C 50 PPM; 9394
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 74-98-6
RTECS #: TX2275000
Name: PROPANE
% Wt: 10.74
Other REC Limits: NONE SPECIFIED
OSHA PEL: 1000 PPM
ACGIH TLV: ASPHYXIAN; 9394

Cas: 7
8-93-3
RTECS #: EL6475000
Name: METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)
% Wt: 6.71
Other REC Limits: NONE SPECIFIED
OSHA PEL: 200 PPM
ACGIH TLV: 200 PPM/300STEL 9394
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

RTECS #: 9999999VO
Name: VOC: 692 G/L
% Wt: 85
Other REC Limits: NONE SPECIFIED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

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

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: CONCENTRATE/INHALE CONTENTS HARMFUL/FATAL. REPORTS ASSOCIATE REPEATED/PROLONGED OCCUPATIONAL OVEREXPOSURE W/PERMANENT BRAIN/NERVOUS SYSTEM DAMAGE. CONFINED AREAS/HIGH CONCENTRATIONS ARE ANESTHETIC. IRRITATION TO SKIN/RESPIRATORY TRACT. HARMFUL IF SWALLOWED. SEVERE EYE IRRITATION.

Explanation O

f Carcinogenicity: NO INGREDIENT OF A CONCENTRATION EQUAL TO 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Signs And Symptoms Of Overexposure: IRRITATION TO EYES, THROAT, AND RESPIRATORY TRACT. MAY CAUSE HEADACHES, NAUSEA, AND VOMITING. OVEREXPOSURE MAY RESULT IN LIGHT HEADEDNESS, STAGGER, GIDDINESS, POSSIBLE NAUSEA.

Medical Cond Aggravated By Exposure: RESPIRATORY AILMENTS.

First Aid: SKIN/CLOTHES: WASH W/SOAP/WATER; WASH CLOTHES BEFORE REUSE. EYES: FLUSH W/WATER 1

5 MIN/CONTACT PHYSICIAN/ OPHTHALMOLOGIST IMMEDIATELY. INGEST: DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL AID. INHALE : MOVE TO FRESH AIR/ARTIFICIAL RESPIRATION IF NEEDED. GET MEDICAL AID. NEVER GIVE ANYTHING BY MOUTH TO AN 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.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: IN ACCORDANCE W/APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT PUNCTURE/INCINERATE/STORE ABOVE 120F. EXPOSURE TO HEAT/PROLONGED EXPOSURE TO SUN: CONTAINER MAY BURST. DISCARD EMPTY IN TRASH PICK-UP. DO NOT PLACE IN HOME TRASH COMPACTOR.

Handling And Storage Precautions: KEEP OUT OF REACH OF CHILDREN. CAUTION- CONTENTS UNDER PRESSURE. DO NOT STORE WHERE TEMPERATURE MAY EXCEED 120F.

AVOID BREATHING SPRAY/MIST/VAPOR.

Other Precautions: AVOID CONTACT WITH EYES AND SKIN. USE WITH GOOD VENTILATION. READ ENTIRE LABEL BEFORE USE. FOLLOW ALL LABEL DIRECTIONS. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING OR SWALLOWING MAY BE HARMFUL OR FATAL.

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Fire and Explosion Hazard Information
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Flash Point Text: -156F,-104C

Autoignition Temp Text: 874F

Lower Lim

its: 2.2

Upper Limits: 18.0

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

Fire Fighting Procedures: WATER INEFFECTIVE/USED TO KEEP EXPOSED CONTAINERS COOL. WEAR SELF-CONTAINED BREATHING APPARATUS. USE SHIELDING TO PROTECT FROM BURST/RUPTURE/VENT OF CONTAINERS.

Unusual Fire/Explosion Hazard: DO NOT SPRAY NEAR OPEN FLAME. AT ELEVATED TEMPERATURE (OVER 120F) CONTAINERS MAY VENT/RUPTURE/BURST. AEROSOL CONTAINER; DO NOT EXPOSE 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: 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: MSDS ENTERED BY DLA- UNDER PROJECT FOR GSA.

NOTE- WASTE/DISPOSAL: DLA-- EPA/RCRA WASTE NUMBER D001 (IGNITABLE) MAY APPLY TO UNUSED/UNCONTAMINATED PRODUCT.

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Physical/Chemical Properties
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HCC: V3

B.P. Text: UNKNOWN

M.P/F.P Text: UNKNOWN

Decomp Text: UNKNOWN

Vapor Pres: 70MMHG@68F

Vapor Densit

y: >1.522
Spec Gravity: .904
Solubility in Water: INSOLUBLE
Appearance and Odor: BLACK PAINT IN AEROSOL CAN
Percent Volatiles by Volume: 85
Corrosion Rate: UNKNOWN

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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
Conditions
To Avoid Polymerization: NONE SPECIFIED BY MANUFACTURER.

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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 Code: 0FTT5
Trans ID NO: 93473
Product ID: SO SURE FLAT BLACK 37038 (144-390)
MSDS Prepared Date: 02/01
/1993
Review Date: 08/07/1994
MFN: 4
Tech Entry NOS Shipping Nm: CONTAINS PROPANE AND TOLUENE
Net Unit Weight: 0.9 LBS
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: PT
Container QTY: 0
Additional Data: 16 OUNCE AEROSOL CAN.

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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: 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 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: 314-522-3141 800-424-9300(

CHEMTREC)

Label Required IND: Y

Date Of Label Review: 08/07/1994

Status Code: C

Label Date: 08/07/1994

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: CONCENTRATE/INHALE CONTENTS HARMFUL/FATAL.REPORTS

ASSOCIATE REPEATED/PROLONGED OCCUPATIONAL OVEREXPOSURE W/PERMANENT
BRAIN/NERVOUS SYST

EM DAMAGE.CONFINED AREAS/HIGH CONCENTRATIONS ARE

ANESTHETIC.IRRITATION TO SKIN/RESPIRATORY TRACT.HARMFULIF SWALLOWED.SEVERE

EYE IRRITATION.FIRST AID:SKIN/CLOTHES:WASH W/SOAP/WATER;WASH CLOTHES BEFORE

REUSE.EYES:FLUSH W/WATER 15 MIN/CONTACT PHYSICIAN/OPHTHALMOLOGIST

IMMEDIATELY.INGEST:DO NOT INDUCE VOMITING.GET IMMEDIATE MEDICAL

AID.INHALE:MOVE TO FRESH AIR/ARTIFICIAL RESPIRATION IF NEEDED.GET MEDICAL

AID.NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. TARGET ORGANS:

CNS,R

RESPIRATORY SYSTEM,SKIN.

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