

LHB INDUSTRIES -- SPRAY PAINT, AEROSOL (SO-SURE BLACK 17038, 00

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MSDS Safety Information

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FSC: 8010

NIIN: 00-079-3752

MSDS Date: 05/29/1996

MSDS Num: CBTLG

Product ID: SPRAY PAINT, AEROSOL (SO-SURE BLACK 17038, 0024-190)

MFN: 07

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 Su

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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

Unit of Issue: PT

UI Container Qty: B

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Ingredients

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Cas: 71-36-3
Name: N-BUTANOL
% Wt: <2.49
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 50 PPM
ACGIH TLV: 100 PPM
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 74-98-6
RTECS #: TX2275000
Name: PROPANE
% Wt: 12.43
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 1000 PPM
ACGIH TLV: 1000 PPM

Cas: 108-88-3
RTECS #: XS5250000
Name: TOLUENE (SARA 313)
% Wt: 18.19
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 200 PPM
ACGIH TLV: 1
00 PPM
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 106-97-8
RTECS #: EJ4200000
Name: N-BUTANE
% Wt: 4.89
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 800 PPM
ACGIH TLV: 800 PPM

Cas: 75-28-5
RTECS #: TZ4300000
Name: ISOBUTANE (2-METHYL PROPANE)
% Wt: 3.06
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT EST.
ACGIH TLV: 800 PPM

RTECS #: 9999999VO
Name: VOLATILE ORGANIC COMPOUNDS, 464 G/L
% Wt: 56.0
Ot

her REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 67-64-1
RTECS #: AL3150000
Name: ACETONE (SARA 313) (CERCLA)
% Wt: 14.13
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 1000 PPM
ACGIH TLV: 750PPM/1000STEL;9495
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 8032-32-4
RTECS #: OI6180000
Name: VM&P NAPHTHA (LIGROINE)
% Wt: 9.96
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 300 PPM
ACGIH TLV: 30
0 PPM; 9495

Cas: 64742-95-6
Name: NAPHTHA, LIGHT AROMATIC
% Wt: <2.49
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 100 PPM
ACGIH TLV: 100 PPM 9091

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Health Hazards Data

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LD50 LC50 Mixture: UNKNOWN
Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: YES
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Effects of Exposure: INTENTIONAL MISUSE BY DELI

BERATELY CONCENTRATING &
INHAL CONTENTS MAY BE HARMFUL/FATAL. REPORTS HAVE LINK REPEAT/PROLONGED
OCCUPATINAL OVEREXPOSURE TO SOLVENTS W/PERM BRAIN & NERVOUS SYS DAMAGE.
VAPOR S IN CONFINED AREA & HIGH CONCENTRATIONS ARE ANESTHETIC. SKIN/RESP
TRACT IRRIT. SEVERE EYE IRRIT. HARMFUL IF SWALLOWED.

Explanation Of Carcinogenicity: PER MSDS CARCINOGENICITY NOT LISTED IN NTP,
IARC, OSHA.

Signs And Symptions Of Overexposure: OVEREXPOSURE MAY RESULT IN LIGHT
HEADEDNESS, STAGGERING

GAIT, GIDDINESS, AND POSSIBLE NAUSEA. IRRITATION TO
EYES, THROAT, & RESP TRACT. MAY CAUSE HEADACHES, NAUSEA, AND VOMITING.

Medical Cond Aggravated By Exposure: RESPIRATORY AILMENTS.

First Aid: FOR CONTACT W/SKIN OR CLOTHES WASH W/SOAP & WATER. FOR CONTACT
W/EYES FLUSH W/WATER FOR 15 MINUTES & CONTACT PHYSICIAN OR
OPHTHALMOLOGIST IMMED. IF SWALLOWED DO NOT INDUCE VOMITING. GET IMMED MED
AID. IF INHALED REMOVE TO FRESH AIR & GIVE ARTIFICIAL RESP IF NECESSARY.
GET MED 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 & VENTILATE AREA.
MOP SPILLS W/INERT ABSORBENT. AVOID BREATHING VAPORS.

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE W/APPLICABLE LOCAL, STATE
& FED REGS. DONT PUNCTURE, BURN OR STORE >120F. EXPOSURE TO HEAT OR
PROLONGED EXOSURE TO
SUN MAY CAUSE CAN TO BURST. DISCARD EMPTY CAN IN TRASH
PICK- UP. DONT PLACE IN HOME TRASH COMPACTOR.

Handling And Storage Precautions: KEEP OUT OF REACH OF CHILDREN. CAUTION -
CONTENTS UNDER PRESSURE. DO NOT STORE WHERE TEMP MAY EXCEED 120F/48.9C. AVOID
BREATHING SPRAY/MIST/VAPOR.

Other Precautions: AVOID CONTACT W/EYES OR SKIN. USE W/GOOD VENTILATION. READ
ENTIRE LABEL BEFORE USING. FOLLOW ALL LABEL DIRECTIONS. INTENTIONAL MISUSE BY
DELIBERATELY CONCEN & INHALING OR SWALLOWING CON
TENTS MAY BE HA RMFUL OR
FATAL.

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Fire and Explosion Hazard Information

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Flash Point Text: 45.0F,7.2C PAINT

Lower Limits: 1.8

Upper Limits: 9.5

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

Fire Fighting Procedures: H2O MAY BE INEFFECTIVE & MAY BE USED TO KEEP FIRE
EXPOSED CONTAINRS COOL. WEAR SCBA.

PROTECT PERSONNEL W/SHIELDING AGAINST
BURSTING/RUPTURING/VENTING OF CNTNRS.

Unusual Fire/Explosion Hazard: DO NOT SPRAY NEAR OPEN FLAME. @ ELEVATED TEMP
(>120F) CONTAINERS MAY VENT/RUPTURE/BURST. AEROSOL CONTAINER;DO NOT EXPOSE
TO TEMP >120F.

Control Measures

Respiratory Protection: NONE BELOW TLV. USE NIOSH/MSHA APPROVED MASK ABOVE TLV.

Ventilation: LOCAL EXHAUST PREFERRED

D. MECHANICAL (GEN) IS 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/SMOKE
WHILE USING PRODUCT.

Supplemental Safety and Health: SPECIFIC GRAVITY, AEROSOL = 0.833. FLASH POINT,
PROPELLANT = -156F (-104C)(API ESTABLISHED).

Physical/Chemical Properties

HCC: V3

B.P. Text: NA

M.P/F.P Text: NA

Decomp Text: NA

Vapor Pres: 60 @68F

Vapor Density: >1.5

Spec Gravity: 0.976 PAINT

PH: NA

Solubility in Water: INSOLUBLE

Appearance and Odor: BLACK PAINT, AEROSOL

Corrosion Rate: NA

Reactivity Data

Stability Indicator: YES

Stability Condition To A

void: EXTREME HEAT.
Hazardous Decomposition Products: CARBON MONOXIDE, 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 N
O: 46302
Product ID: SPRAY PAINT, AEROSOL (SO-SURE BLACK 17038, 0024-190)
MSDS Prepared Date: 05/29/1996
Review Date: 09/19/1996
MFN: 7
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: PT
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 Pas

s: 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: 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

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HAZCOM Label

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Product ID: SPRAY PAINT, AEROSOL (SO-SURE BLACK 17038, 0024-190)
Cage: 0FTT5
Company Name: LHB INDUSTRIES
Street: 8833 FLEISCHER PLACE
City: ST. LOUIS MO
Zipcode: 63134
Health Emergency Phone: 80

0-424-9300 CHEMTREC/ 314-522-3141

Label Required IND: Y

Date Of Label Review: 10/12/1999

Status Code: A

Origination Code: G

Hazard And Precautions: INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING & INHAL CONTENTS MAY BE HARMFUL/FATAL. REPORTS HAVE LINK REPEAT/PROLONGED OCCUPATINAL OVEREXPOSURE TO SOLVENTS W/PERM BRAIN & NERVOUS SYS DAMAGE. VAPOR S IN CONFINED AREA & HIGH CONCENTRATIONS ARE ANESTHETIC. SKIN/RESP TRACT IRRIT. SEVERE EYE IRRIT. HARMFUL IF SWALLOWED.

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