

LHB INDUSTRIES -- SO-SURE STENCIL INK WHITE 37875 (394-370)

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MSDS Safety Information
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FSC: 7510
NIIN: 00-419-9564
MSDS Date: 12/01/1992
MSDS Num: BTSWQ
Product ID: SO-SURE STENCIL INK WHITE 37875 (394-370)
MFN: 01
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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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: INK,MARKING STENCIL
Specification Number: A-A-208A
Unit of Issue: PT
UI Container Qty: 1

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Ingredients
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Cas: 1330-20-7
RTECS #: ZE2100000
Name: XYLENES (O-,M-,P- ISOMERS) (SARA III)
% Wt: <1.86
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 100 PPM
ACGIH TLV: 100 PPM/150STEL;9394
EPA Rpt Qty: 1000 LBS
DOT R

pt Qty: 1000 LBS

Cas: 64742-89-8
Name: NAPHTHA, LIGHT ALIPHATIC/ALIPHATIC SOLVENT
% Wt: 5.58
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 5 MG/M3 (OIL MIST)
ACGIH TLV: 5 MG/M3 (OIL MIST)

Cas: 108-88-3
RTECS #: XS5250000
Name: TOLUENE (SARA III)
% Wt: 20.24
Other REC Limits: NONE RECOMMENDED
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: 24.65
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 1000PPM
ACGIH TLV: 750PPM/1000STEL;9394
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 74-98-6
RTECS #: TX2275000
Name: PROPANE
% Wt: 18.88
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 1000 PPM
ACGIH TLV: ASPHYXIAN; 9394

Cas: 75-28-5
RTECS #: TZ4300000
Name: ISOBUTANE
% Wt: 7.43
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

Cas: 106-97-8

RTECS #: EJ4200000

Name: BUTANE

% Wt: 4.64

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 800 PPM

ACGIH TLV: 800 PPM; 9394

RTECS #: 9999999VO

Name: VOLATILE ORGANIC COMPOUNDS 644 G/L

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT RELEVANT

ACGIH TLV: NOT RELEVANT

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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: NO

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: TARGET ORGANS:EYES, SKIN, CNS, RESPIRATORY TRACT. ACUTE
& CHRONIC- INTENTIONAL ABUSE MAY BE HARMFUL/FATAL. IN CONFINED AREAS
VAPORS IN HIGH CONCENTRATIONS ARE ANESTHETIC. MAY CAUSE SEVERE EYES IRRITAT
ION. IRRITATION TO SKIN & RESPIRATORY TRACT. HARMFUL IF SWALLOWED.
OVEREXPOSURE MAY CAUSE PERMANENT BRAIN
& CNS DAMAGE.

Explanation Of Carcinogenicity: NONE

Signs And Symptoms Of Overexposure: EYES, SKIN, RESPIRATORY TRACT IRRITATION,
HEADACHE, DIFFICULTY IN BREATHING, NAUSEA, VOMITING,

Medical Cond Aggravated By Exposure: PREEXISTING RESPIRATORY DISORDERS

First Aid: GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALATION:REMOVE TO FRESH
AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES,
HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. INGESTION:DO NOT
INDUCE VOMI

TING. GET MEDICAL ATTENTION IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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Handling and Disposal
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Spill Release Procedures: LEAKING CONTAINERS SHOULD BE PLACED OUTDOORS, IN AN OPEN CONTAINER, AWAY FROM SOURCES OF IGNITION. ALLOW PRESSURE TO DISSIPATE. VENTILATE AREA. ABSORB LIQUID WITH NON-FLAMMABLE ABSORBENT MATERIALS AND PLACE IN CONTAINER FOR DISPOSAL.

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Neutralizing Agent: NOT RELEVANT

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT PUNCTURE, INCINERATE SPRAY CANS. DISPOSE OF EMPTY CANS IN TRASH PICK-UP. DO NOT PLACE IN HOME TRASH COMPACTOR.

Handling And Storage Precautions: STORE SPRAY CANS IN COOL, WELL VENTILATED AREAS AWAY FROM SOURCES OF IGNITION SUCH AS SPARKS, FLAMES, WELDING ARCS, SUNLIGHT. DO NOT STORE ABOVE 120F.

Other Precautions: "EMPTY" CONTAINERS RETAIN RESIDUE AND MAY BE DANGEROUS. DO

NOT CUT, WELD, SOLDER, DRILL/EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS. THEY MAY EXPLODE AND CAUSE INJURY. AVOID REPEATED/PROLONGED SKIN CONTACT. KEEP OUT OF REACH OF CHILDREN.

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Fire and Explosion Hazard Information
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Flash Point Text: FLAMMABL AEROSOL

Lower Limits: 1.8

Upper Limits: 9.5

Extinguishing Media: CARBON DIOXIDE, FOAM, SAND/DRY CHEMICAL. AVOID SPREADING

ANY BURNING LIQUID WITH WATER SPRAY. WATER MAY BE INEFFECTIVE.

Fire Fighting Procedures: WEAR FULL PROTECTIVE CLOTHING AND NIOSH- APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE-EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard: SPRAY CANS UNDER PRESSURE. EXTREMELY FLAMMABLE. EXPLOSION HAZARD EXISTS WHEN SPRAY CANS HEATED. DO NOT ENTER SPRAY CAN STORAGE AREA IF FIRE PRESENT.

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Control Measures
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Respiratory Protection: IF TLV IS EXCEEDED, WEAR NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR OR AIR-PURIFYING RESPIRATOR. IN EMERGENCY, WEAR A NIOSH- APPROVED POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS.

Ventilation: SUFFICIENT VENTILATION TO KEEP VAPOR CONCENTRATION BELOW TLV. LOCAL EXHAUST PREFERRED.

Protective Gloves: PLASTIC, RUBBER, NEOPRENE

Eye Protection: CHEMICAL SAFETY GOGGLES IF SPRAYING

Other Protective Equipment: EYE WASH STAT

ION & SAFETY SHOWERS SHOULD BE

AVAILABLE IN THE IMMEDIATE VICINITY OF ANY POTENTIAL EXPOSURE.

Work Hygienic Practices: USE ONLY AS DIRECTED ON LABEL. READ LABEL BEFORE USING PRODUCT. DO NOT BREATHE VAPORS. WASH HANDS BEFORE EATING.

Supplemental Safety and Health: EXTREMELY FLAMMABLE. CONTENTS UNDER PRESSURE. CONTAINS GAS SIMILAR TO PROPANE. DO NOT USE IN CONFINED AREA OR AREA WITH LITTLE AIR MOVEMENT. EMPLOY MEANS TO PREVENT VAPOR BUILDUP.

Physical/Chemical Properties

HCC: V3

NRC/State LIC No: NOT RELEVANT

M.P/F.P Text: UNKNOWN

Decomp Text: UNKNOWN

Vapor Pres: 3862 @ 68F

Vapor Density: >1.5

Spec Gravity: 0.776

Viscosity: NOT KNOWN

Solubility in Water: INSOLUBLE

Appearance and Odor: UNKNOWN

Percent Volatiles by Volume: 83

Corrosion Rate: UNKNOWN

Reactivity Data

Stability Indicator: YES

Stability Condition To Avoid: HIGH HEAT, OPEN FLAMES, DIRECT SUNLIGHT, TEMPERATURES ABOVE 120F

Materials To Avoid: UNKNOWN

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

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NOT RELEVANT

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: 71554
Product ID: SO-SURE STENCIL INK WHITE 37875 (394-370)
MSDS Prepared Date: 12/01/1992
Review Date: 08/11/1994
MFN: 1
Net Unit Weight: 0.8 LBS
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: PT
Container QTY: 1
Additional Data: CONTAINS PROPANE, ISOBUTANE, N-BUTANE, ACETONE, TOLUENE. DOT
PROPER SHIPPING NAME: CONSUMER COMMODITY, PER MSDS.

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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: AIY
IMO Proper Shipping Name: AEROSOL DISPENSERS ?
IMO PSN Modifier: ,WITH A CAPACITY OF 1000 CUBIC CM OR LESS
IMDG Page Number: 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 Hazar
d 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: SO-SURE STENCIL INK WHITE 37875 (394-370)
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: 08/11/1994
Status Code: C
MF

G Label NO: NOT RELEVANT

Label Date: 08/11/1994

Origination Code: F

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: DANGER

Health Hazard: Moderate

Contact Hazard: Moderate

Fire Hazard: Severe

Reactivity Hazard: None

Hazard And Precautions: TARGET ORGANS:EYES, SKIN, CNS, RESPIRATORY TRACT. ACUTE & CHRONIC- INTENTIONAL ABUSE MAY BE HARMFUL/FATAL. IN CONFINED AREAS VAPORS IN HIGH CONCENTRATIONS ARE ANESTHETIC. MAY CAUSE SEVERE EYES IRRITATION. IRRITATION TO SKIN & RESPI

RATORY TRACT. HARMFUL IF SWALLOWED. MAY

CAUSE PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. STORE IN COOL, WELL VENTILATED AREAS AWAY FROM SOURCES OF IGNITION. ABSORB SPILL WITH

NON-FLAMMABLE ABSORBENT. FIRST AID- GET MEDICAL HELP IF SYMPTOMS PERSIST.

INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH

WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER.

ORAL:CALL DOCTOR AT ONCE

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