

MSDS Safety Information

FSC: 7510
NIIN: 00-183-7697
MSDS Date: 12/01/1992
MSDS Num: BWFKF
Product ID: SO-SURE STENCIL INK RED 31136 (394-311),392 C 811
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

Contractor Summary

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

Item Description Information

Item M
anager: GSA
Item Name: INK,MARKING STENCIL
Specification Number: A-A-208A
Unit of Issue: PT
UI Container Qty: 1

Ingredients

Cas: 1330-20-7
RTECS #: ZE2100000
Name: XYLENES (O-,M-,P- ISOMERS) (SARA 313) (CERCLA)
% Wt: 2.77
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 100 PPM
ACGIH TLV: 100 PPM/150STEL;9495
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas:

64742-89-8

Name: VM & P NAPHTHA

% Wt: 8.31

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 5 MG/M3 OIL MIST

ACGIH TLV: 5 MG/M3 OIL MIST

Cas: 67-64-1

RTECS #: AL3150000

Name: ACETONE (SARA 313) (CERCLA)

% Wt: 13.85

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: 108-88-3

RTECS #: XS5250000

Name: TOLUENE (SARA 313) (CERCLA)

% Wt: 24.73

Other REC Limi

ts: NONE RECOMMENDED

OSHA PEL: 200 PPM; Z-2

ACGIH TLV: S, 50 PPM; 9495

EPA Rpt Qty: 1000 LBS

DOT Rpt Qty: 1000 LBS

Cas: 7439-92-1

RTECS #: OF7525000

Name: LEAD (SARA 313) (CERCLA)

% Wt: 1.74

Other REC Limits: NONE RECOMMENDED

OSHA PEL: SEE 1910.1025

ACGIH TLV: 0.15MG/M3 DUST; 9495

EPA Rpt Qty: 1 LB

DOT Rpt Qty: 1 LB

Cas: 12656-85-8

RTECS #: QA4660000

Name: MOLYBDATE ORANGE,

% Wt: <2.77

Other REC Limits: NONE RECOMMENDED

OSHA PEL: N

OT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 74-98-6
RTECS #: TX2275000
Name: PROPANE
% Wt: 18.88
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 1000 PPM
ACGIH TLV: ASPHYXIAN; 9495

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: NON
E RECOMMENDED
OSHA PEL: 800 PPM
ACGIH TLV: 800 PPM; 9495

RTECS #: 9999999VC
Name: VOLITILE ORGANIC CONTENT AS LISTED ON MSDS:628 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
Carcinogenic

ity Inds - NTP: NO
IARC: YES
OSHA: NO
Effects of Exposure: TARGET ORGANS:EYES, SKIN, CNS, BRAIN. ACUTE- EXCESSIVE INHALATION IS HARMFUL/FATAL. VAPORS IN HIGH CONCENTRATIONS ARE ANESTHETIC. MAY CAUSE IRRITATION OF EYES, SKIN & RESPIRATORY TRACT. HARMFUL IF SWALLOWED. CHRONIC- OVEREXPOSURE MAY CAUSEPERMANENT BRAIN & CNS DAMAGE.
LEAD
MAY DAMAGE REPRODUCTIVE & BLOOD FORMING ORGAN
Explanation Of Carcinogenicity: CONTAINS LEAD.
Signs And Symptions Of Overexposure: SKIN, RESPIRATORY TRACT IRRITATION,
HEADACHE, DIFFICULTY IN BREATHING, NAUSEA, VOMITING, SEVERE EYE IRRITATION
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 VOMITING. 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.
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. FOLLOW ALL LABEL INSTRUCTIONS. AVOID REPEATED/PROLONGED SKIN CONTACT. KEEP OUT OF REACH OF CHILDREN. DO NOT BREATHE VAPORS.

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Fire and Explosion Hazard Information

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Flash Point Text: FLAMMABLE 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-CONT

AINED 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.

Control Measures

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

Ventilation: MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves: PLASTIC, RUBBER, NEOPRENE

Eye Protection: CHEMICAL SAFETY GOGGLES

Other Protective Equipment: EYE WASH STATION & SAFETY SHOWERS SHOULD BE AVAILABLE IN THE IMMEDIATE VICINITY OF ANY POTENTIAL EXPOSURE.

Work Hygienic Practices: OBSERVE GOOD INDUSTRIAL HYGIEN E PRACTICES AND

RECOMMENDED PROCEDURES. WASH THOROUGHLY BEFORE EATING, DRINKING/SMOKING.

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: 0.757

Viscosity: NOT KNOWN

Solubility in Water: INSOLUBLE

Appearance and Odor: RED/PAINT

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

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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 NO: 54807
Product ID: SO-SURE STENCIL INK RED 31136 (394-311),392 C 811
MSDS Prepared Date: 12/01/1992
Review Date: 01/23/1995
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,
XYLENE. DOT PROPER SHIPPING NAME: CONSUMER COMMODITY, PER MSDS.

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Detail D

OT 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 Modifi
er: ,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 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: SO-SURE STENCIL INK RED 31136 (394-311),392 C 811

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: 01/23/1995

Status Code: C

MFG Label NO: NOT RELEVANT

Label Date: 01/23/1995

Origination Code: F

Eye Protection IND: YES

Skin Protection IND: YES

Signal

Word: DANGER

Health Hazard: Severe

Contact Hazard: Severe

Fire Hazard: Severe

Reactivity Hazard: None

Hazard And Precautions: TARGET ORGANS:EYES, SKIN, CNS, BRAIN. ACUTE- EXCESSIVE INHALATION IS HARMFUL/FATAL. VAPORS IN HIGH CONCENTRATIONS ARE ANESTHETIC. MAY CAUSE IRRITATION OF EYES, SKIN & RESPIRATORY TRACT. HARMFUL/FATAL IF SWALLOWED. CHRONIC- MAY CAUSE PERMANENT BRAIN & CNS DAMAGE. STORE IN COOL, WELL VENTILATED AREAS. ABSORB SPILLS WITH NON-FLAMMABLE ABSORBENT &

PLACE IN CONTAINER FOR DISPOSAL. 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 VOMITING. GET MEDICAL ATTENTION IMMEDIATELY.

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