

LHB INDUSTRIES -- SO-SURE GRAY SPRAY PAINT 16081 (0144-180)

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

FSC: 8010

NIIN: 00-935-7075

MSDS Date: 04/04/1996

MSDS Num: CCJYV

Product ID: SO-SURE GRAY SPRAY PAINT 16081 (0144-180)

MFN: 03

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

=====
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: LACQUER

Specification Number: MIL-L-81352A

Unit of Issue: PT

UI Container Qty: 0

=====
Ingredients
=====

=====
Cas: 108-88-3
RTECS #: XS5250000
Name: TOLUENE (SARA III)
% Wt: 30.28
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: 34.6
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 1000 PPM
ACGIH TLV: 750 PPM
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 74-98-6
RTECS #: TX227500
0
Name: PROPANE
% Wt: 10.97
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 1000 PPM
ACGIH TLV: 1000 PPM

RTECS #: 9999999VO
Name: VOC: 527 G/L
% Wt: 55.0
Other REC Limits: NONE RECOMMENDED

Cas: 1330-20-7
RTECS #: ZE2100000
Name: XYLENES (O-,M-,P- ISOMERS) (SARA 313) (CERCLA)
% Wt: 4.32
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: 115-10-6
RTECS #: PM4780000
Name: DIMETHYL ETHER
% Wt: 6.86
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 71-36-3
RTECS #: EO1400000
Name: N-BUTYL ALCOHOL (SARA 313) (CERCLA)
% Wt: 2.16
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 100 PPM
ACGIH TLV: S, C 50 PPM; 9495
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 100-41-4
RTECS #: DA0700000
Name: ETHYL BENZENE (SARA 313)
% Wt:
2.16
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 100 PPM
ACGIH TLV: 100 PPM/125STEL;9495
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 111-15-9
RTECS #: KK8225000
Name: 2-ETHOXYETHYL ACETATE (EGEEA)
% Wt: 2.16
Other REC Limits: NONE RECOMMENDED
OSHA PEL: S, 100 PPM
ACGIH TLV: S, 5 PPM; 9495

=====

Health Hazards Data

=====

Route Of Entry Inds - Inhalation: YES
S

kin: YES
Ingestion: YES
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO

Effects of Exposure: CONCENTRATING & INHALING HARMFUL OR FATAL. REPEATED OR PROLONGED OVEREXPOSURE ASSOCIATED WITH PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. IN CONFINED AREA, HIGH CONCENTRATIONS ARE ANESTHETIC. SKIN & RESPIRATORY TRACT IRRITATION. LIGHT HEADEDNESS, STAGGERING, GIDDINESS, NAUSEA. HARMFUL IF SWALLOWED. SEVERE EYE IRRITATION.

Signs And Symptoms Of Overexposure: IRRITATION TO EYES, THROAT, AND RESPIRATORY TRACT. MAY CAUSE HEADACHES, NAUSEA, AND VOMITING.

Medical Cond Aggravated By Exposure: RESPIRATORY AILMENTS.

First Aid: FOR CONTACT WITH SKIN OR CLOTHES, WASH WITH SOAP & WATER; WASH CLOTHES BEFORE REUSE. FOR CONTACT WITH EYES, FLUSH WITH WATER FOR 15 MINUTES & CONTACT PHYSICIAN/OPHTHALMOLOGIST IMMEDIATELY. IF SWALLOWED, DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL AID. IF INHALED, REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NECESSARY, GET MED AID. NEVER GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSON.

=====
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: DISPOSE IN ACCORD WITH FEDERAL, STATE, LOCAL REGULATIONS. DO NOT PUNCTURE, INCINERATE OR STORE ABOVE 120F. EXPOSURE TO HEAT OR PROLONGED EXPOSURE TO SUN MAY CAUSE CAN TO BURST. DISCARD EMPTY CAN IN TRASH PICK-UP. DO NOT PLACE IN HOME TRASHCOMPACTOR.

Handling And Storage Precautions: KEEP OUT OF REACH OF CHILDREN. CONTENTS UNDER PRESSURE. DO NOT STORE WHERE TEMPERATURE MAY EXCEED 120F. AVOID BREATHING SPRAY, MIST, OR VAPORS.

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

=====
Fire and Explosion Hazard Information
=====

Flash Point Text: NR

Lower Limits: 2.2

Upper Limits: 18.0

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

Fire Fighting Procedures: WATER MAY BE INEFFECTIVE, USE TO COOL FIRE EXPOSED CONTAINERS. WEAR SCBA. USE SHIELDING TO

PROTECT PERSONNEL FROM BURSTING,
RUPTURING OR VENTING OF CONTAINERS.

Unusual Fire/Explosion Hazard: DO NOT SPRAY NEAR OPEN FLAME. AT ELEVATED
TEMPERATURE (>120F) CONTAINERS MAY VENT, RUPTURE OR BURST. AEROSOL
CONTAINER; DO NOT 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: 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: SPECIFIC GRAVITY, AEROSOL = 0.789

=====
Physical/Chemical Propert
ies
=====

HCC: V3

B.P. Text: NA

M.P/F.P Text: NA

Decomp Text: NA

Vapor Pres: 70 @ 68F

Vapor Density: >1.522

Spec Gravity: 0.868 PAINT

PH: NA

Solubility in Water: INSOLUBLE

Appearance and Odor: GRAY PAINT

Percent Volatiles by Volume: NA

Corrosion Rate: NA

=====
Reactivity Data
=====

Stability Indicator: YES

Stability Condition To Avoid: EXTREME

HEAT

Materials To Avoid: NA

Hazardous Decomposition Products: CARBON MONOXIDE

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NA

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

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

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

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

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

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

Responsible Party Code
: 0FTT5

Trans ID NO: 93449

Product ID: SO-SURE GRAY SPRAY PAINT 16081 (0144-180)

MSDS Prepared Date: 04/04/1996

Review Date: 09/24/1996

MFN: 3

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 Hazard 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 GRAY SPRAY PAINT 16081 (0144-180)
Cage: 0FTT5
Company Name: LHB INDUSTRIES
Street: 8833 FLEISCHER PLACE
City: ST. LOUIS MO
Zipcode: 63134
Health Emergency Phone: 800-42

4-9300 CHEMTREC/ 314-522-3141

Label Required IND: Y

Date Of Label Review: 10/12/1999

Status Code: A

Origination Code: G

Hazard And Precautions: CONCENTRATING & INHALING HARMFUL OR FATAL. REPEATED OR PROLONGED OVEREXPOSURE ASSOCIATED WITH PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. IN CONFINED AREA, HIGH CONCENTRATIONS ARE ANESTHETIC. SKIN & RESP IRATORY TRACT IRRITATION. LIGHT HEADEDNESS, STAGGERING, GIDDINESS, NAUSEA. HARMFUL IF SWALLOWED. SEVERE EYE IRRITATION.

=====

=====

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 contracting 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.