

LHB INDUSTRIES -- SO SURE GRAY PRIMER (234-382)

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MSDS Safety Information
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FSC: 8010
NIIN: 00-616-9181
MSDS Date: 04/21/1992
MSDS Num: BPFYN
Product ID: SO SURE GRAY PRIMER (234-382)
MFN: 03
Responsible Party
Cage: 0FTT5
Name: LHB INDUSTRIES
Address: 8833 FLEISCHER PLACE
City: ST. LOUIS MO 63
134
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: PRIMER COATING
Specification Number: A-A-1551
Unit of Issue: PT
UI Container Qty: 0

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Ingredients
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Cas: 8030-30-6
RTECS #: DE3030000
Name: VM & P NAPHTHA
% Wt: 5.01
Other REC Limits: NONE SPECIFIED
OSHA PEL: 300 PPM
ACGIH TLV: 300 PPM

Cas: 1330-20-7
RTECS #: ZE2100000
Name: XYLENES (SARA 313)
% Wt: 12.30
Other REC Limits: NONE SPECIFIED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: 100 PPM
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 67-64-1
RTECS #: AL3150000
Name: ACETONE (SARA 313)
% Wt: 15.35
Other R
EC Limits: NONE SPECIFIED
OSHA PEL: 1000PPM
ACGIH TLV: 750PPM/1000STEL;9293
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 108-88-3
RTECS #: XS5250000
Name: TOLUENE (SARA 313)
% Wt: 8.15
Other REC Limits: NONE SPECIFIED
OSHA PEL: 200 PPM/150 STEL
ACGIH TLV: 50 PPM; 9293
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

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

1000 PPM

Cas: 75-28-5
RTECS #: TZ4300000
Name: ISOBUTANE
% Wt: 7.43
Other REC Limits: NONE SPECIFIED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: 800 PPM

Cas: 106-97-8
RTECS #: EJ4200000
Name: N-BUTANE
% Wt: 4.64
Other REC Limits: NONE SPECIFIED
OSHA PEL: 800 PPM
ACGIH TLV: 800 PPM

RTECS #: 9999999VO
Name: VOC: 674 G/L
Other REC Limits: NONE SPECIFIED
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Health
Hazards Data
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Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: YES
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO

Effects of Exposure: CONCENTRATING/INHALING CONTENTS HARMFUL/ FATAL. REPORTS
ASSOCIATE REPEATED/PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS
W/PERMANENT BRAIN/NERVOUS SYSTEM DAMAGE. IN CONFINED AREAS VAPORS IN HIGH CON
CENTRATIONS ARE ANESTHETIC. IRRITATION TO SKIN/RESPIRATORY TRACT. HARMFUL IF
SWALLOWED
. SEVERE EYE IRRITATION.

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, AND 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 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.

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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.

Waste Disposal Methods: IN ACCORDANCE W/APPLICABLE LOCAL, STATE AND FEDERAL R

EGULATIONS. DO NOT PUNCTURE/INCINERATE/STORE ABOVE 120F. EXPOSURE TO HEAT/PROLONGED EXPOSURE TO SUN: CONTAINER MAY BURST. DISCARD EMPTY CAN 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 ABOVE 120F. AVOID BREATHING SPRAY, MIST, OR VAPOR.

Other Precautions: AVOID CONTACT WITH EYES AND SKIN. USE WITH GOOD VENTILATION. READ ENTIRE LABEL BEFORE USING. FOLLOW ALL LABEL D

IRECTIONS. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING CONTENTS MAY BE HARMFUL OR FATAL.

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Fire and Explosion Hazard Information
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Flash Point Text: NR

Autoignition Temp Text: 874 F

Lower Limits: 1.8

Upper Limits: 9.5

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

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

Unusual Fire/Explosion Hazard: DO NOT SPRAY OPEN FLAME. AT ELEVATED TEMPERATURE (OVER 120F) CONTAINERS MAY VENT/RUPTURE/BURST. AEROSOL CONTAINER; DO NOT EXPOSE TO TEMPS ABOVE 120F.

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Control Measures
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Respiratory Prot

ection: 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.

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Physical/Chemical Properties
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HCC: V3
Vapor Pres: 60 @ 68 F
Vapor Density: >1.5
Spec Gravity: 1.039 (WATER=1)
Solubility in Water: INSOLUBLE
Appearance and Odor: GRAY PRIMER/CHARACTERISTIC ODOR.
Percent Volatiles by Volume: 84
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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
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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: 79875
Product ID: SO SURE GRAY PRIMER (234-382)

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MSDS Prepared Date: 04/21/1992
Review Date: 09/09/1992
MFN: 3
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: PT
Container QTY: 0

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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
IAT
A 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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Product ID: SO SURE GRAY PRIMER (234-382)
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: 12/16/1998
Status Code: C
Label Date: 12/16/1
998

Origination Code: G

Hazard And Precautions: CONCENTRATING/INHALING CONTENTS HARMFUL/FATAL. REPORTS ASSOCIATE REPEATED/PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS W/PERMANENT BRAIN/NERVOUS SYSTEM DAMAGE. IN CONFINED AREAS VAPORS IN HIGH CONC ENTRATIONS ARE ANESTHETIC. IRRITATION TO SKIN/RESPIRATORY TRACT. HARMFUL IF SWALLOWED. SEVERE EYE IRRITATION. IRRITATION TO EYES, THROAT, AND RESPIRATORY TRACT. MAY CAUSE HEADACHES, NAUSEA, AND VOMITING. OVEREXPOSURE MAY RESULT IN LIGHT HEADEDNESS, STAGGER, GIDDINESS, AND POSSIBLE NAUSEA.

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