

LHB INDUSTRIES -- V.O.C. COMPLIANT SPRAY PAINT (AEROSOL)

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MSDS Safety Information
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FSC: 8010
NIIN: 01-331-6113
MSDS Date: 10/02/1997
MSDS Num: CKQLD
Product ID: V.O.C. COMPLIANT SPRAY PAINT (AEROSOL)
MFN: 04
Responsible Party
Cage: 0FTT5
Name: LHB INDUSTRIES
Address: 8833 FLEISCHER PLACE
City: ST.
LOUIS MO 63134
Info Phone Number: 314-522-3141 OR 800-424-9300
Emergency Phone Number: 314-522-3141
Preparer's Name: ROBIN C. CANNON
Chemtrec IND/Phone: (800)424-9300
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: ENAMEL
Specification Number: A-A-2787
Type/Grade/Class: TYPE I
Unit of Issue: PT
UI Container Qty: 0
Type of Container: METAL

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Ingredients
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Cas: 108-88-3
RTECS #: XS5250000
Name: TOLUENE
Percent by Wt: 15.47
OSHA PEL: 200 PPM
ACGIH TLV: 100 PPM
ACGIH STEL: NOT ESTABLISHED
EPA Rpt Qt

y: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 74-98-6
RTECS #: TX2275000
Name: PROPANE
Percent by Wt: 12.98
OSHA PEL: 1800 MG/M3;1000 PPM

Cas: 115-10-6
RTECS #: PM4780000
Name: DIMETHYL ETHER
Percent by Wt: 7.24

Cas: 110-12-3
RTECS #: MP3850000
Name: 5-METHYL-2-HEXANONE
Percent by Wt: 6.44
OSHA PEL: 475 MG/M3;100 PPM
ACGIH TLV: 234 MG/M3;50 PPM
ACGIH STEL: NOT ESTABLISHED

Cas: 647
42-95-6
RTECS #: WF3400000
Name: AROMATIC 100
Percent by Wt: 6.44
ACGIH TLV: 50 PPM

Name: AROMATIC 150
< Wt: 3.22
OSHA PEL: 100 PPM
ACGIH TLV: 100 PPM

Cas: 107-87-9
RTECS #: SA7875000
Name: 2-PENTANONE
< Wt: 3.22
OSHA PEL: 700 MG/M3;200 PPM
ACGIH TLV: 705 MG/M3;200 PPM
ACGIH STEL: 881 MG/M3;250 PPM

Cas: 108-10-1
RTECS #: SA9275000
Name: 4-METHYL-2-PENTANONE
< Wt: 3.22
OSHA PEL: 410 MG/M3;100 PPM

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CGIH TLV: 205 MG/M3;50 PPM
ACGIH STEL: 307 MG/M3;75 PPM
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 95-63-6
RTECS #: DC3325000
Name: 1,2,4-TRIMETHYLBENZENE
< Wt: 3.22

Cas: 71-36-3
RTECS #: EO1400000
Name: N-BUTANOL
< Wt: 3.22
OSHA PEL: 300 MG/M3;100 PPM
ACGIH TLV: NOT ESTABLISHED
ACGIH STEL: C152 MG/M3;C50 PPM
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

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Health Hazards
Data

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Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: YES

Effects of Exposure: INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND
INHALING THE CONTENTS MAY BE HARMFUL OR FATAL. REPORTS HAVE ASSOCIATED
REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH
PERMANENT
BRAIN AND NERVOUS SYSTEM DAMAGE. IN CONFINED AREAS VAPORS IN HIGH
CONCENTRATION ARE ANESTHETIC. IRRITATION TO SKIN AND RESPIRATORY TRACT.

OVEREXPOSURE MAY RESULT IN LIGHT HEADEDNESS, STAGGERING GAIT, GIDDINESS AND
POSSIBLE 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 AND WATER; WASH
CLOTHES BEFORE REUSE. FOR CONTACT WITH EYES, FLUSH WITH WATER FOR 15 MINUTES
AND CO

CONTACT A PHYSICIAN/OPHTHALMOLOGIST IMMEDIATELY. IF SWALLOWED, DO NOT INDUCE VOMITING. SET IMMEDIATE MEDICAL AID. IF INHALED, REMOVE TO FRESH AIR AND GIVE ARTIFICIAL RESPIRATION IF NECESSARY AND 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: DISPOSE OF IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE & LOCAL REGULATIONS. DO NOT PUNCTURE, INCINERATE (BURN) OR STORE ABOVE 120XF. 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 TRASH COMPACTOR.

Handling And Storage Precautions: KEEP OUT TO REACH OF CHILDREN! CAUTION - CONTENTS UNDER PRESSURE. DO NOT STORE WHERE TEMPERATURES MAY EXCEED 120

XF/48.9XC. AVOID BREATHING SPRAY, MIST OR VAPOR. AVOID CONTACT WITH EYES OR SKIN.

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 OR SWALLOWING CONTENTS MAY BE HARMFUL OR FATAL.

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Fire and Explosion Hazard Information
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Flash Point: =-11.7C, 11.F
Flash Point Text: 11 DEG F
Lower Limits: 2.2
Upper Limits: 18.0

Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, FOAM, SAND, WATER SPRAY.
Fire Fighting Procedures: AVOID SPREADING ANY BURNING LIQUID WITH WATER SPRAY. WATER MAY BE INEFFECTIVE. WATER MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL. WEAR SELF CONTAINED BREATHING APPARATUS. USE SHIELDING TO PROTECT PERSONNEL AGAINST BURSTING, RUPTURING OR VENTING OF CONTAINERS.

Unusual Fire/Explosion Hazard: DO NOT SPRAY NEAR OPEN FLAME. AT ELEVATED TEMPERATURE (OVER 120 XF/48.9XC) CONTAINED VENT, RUPTURE OR BURST. AEROSOL CONTAINER; DO NOT EXPOSE TO TEMPERATURE ABOVE 120 XF. (REPRODUCE LOCALLY) OSHA 174, SEPT 1985.

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Control Measures
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Respiratory Protection: SPECIFY TYPE) NONE BELOW 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 HYGINENE. DO NOT EAT, DRINK, OR SMOKE WHILE USING PRODUCT.

Physical/Chemical Properties

Vapor Pres: (PSIG) 70 @ 68°F/20°C

Vapor Density: >1.5

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Spec Gravity: 1.182 PAINT/ 0.972 AERSOL

VOC Grams/Liter: 581

Evaporation Rate & Reference: (BU AC = 1)

Solubility in Water: INSOLUABLE

Appearance and Odor: OLIVE / PAINT

Toxicological Information

Ecological Information

MSDS Transport Information

Transport Information: APPLICABLE REGULATIONS: CFR, IMO, MILITARY AIR (AFR 71-4) DOT PROPER SHIPPING NAME: CONSUMER COMMODITY UNIT CONTAINER: 1 PINT AEROSOL CAN IMDG PROPER SHIPPING NAME: AEROSOL IMO HAZARD CLASS: 9 ID# UN1950 UNIT CONTAINER: 1 PINT AEROSOL CAN

Regulatory Information

Transportation Information

Responsible Party Code: 0FTT5

Trans ID NO: 153981

Product ID: V.O.C. COMPLIANT SPRAY PAINT (AEROSOL)

MSDS Prepared Date: 10/02/1997

Review Date: 09/07/1999

MFN: 4

Multiple KIT Number: 0

Unit Of Issue: PT

Container QTY: 0

Type Of Container: METAL

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
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: 2
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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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Prod

uct ID: V.O.C. COMPLIANT SPRAY PAINT (AEROSOL)

Cage: 0FTT5

Company Name: LHB INDUSTRIES

Street: 8833 FLEISCHER PLACE

City: ST. LOUIS MO

Zipcode: 63134

Health Emergency Phone: 314-522-3141

Label Required IND: Y

Date Of Label Review: 07/11/2000

Status Code: A

Origination Code: G

Hazard And Precautions: INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL. REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT

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