

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

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MSDS Safety Information
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FSC: 8010
NIIN: 01-359-9246
MSDS Date: 05/14/1994
MSDS Num: CKKGV
Product ID: V.O.C. COMPLIANT SPRAY PAINT (AEROSOL)
MFN: 01
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: GREGORY M. MCGOWAN
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
Unit of Issue: PT
UI Container Qty: 0
Type of Container: PT

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Ingredients
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Cas: 1330-20-7
RTECS #: ZE2100000
Name: XYLENE * *= DENOTES CHEMICALS SUBJECT TO REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE 1986 SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SAR

A) AND 40 CFR PART 372.

% Wt: <21.72

OSHA PEL: 100 PPM

ACGIH TLV: 100 PPM

EPA Rpt Qty: 1000 LBS

DOT Rpt Qty: 1000 LBS

Cas: 74-98-6

RTECS #: TX2275000

Name: PROPANE

% Wt: 14.77

OSHA PEL: 1000 PPM

ACGIH TLV: 1000 PPM

Cas: 115-10-6

RTECS #: PM4780000

Name: DIMETHYL ETHER

% Wt: 8.20

Cas: 110-12-3

RTECS #: MP3850000

Name: 5-METHYL-2-HEXANONE

% Wt: 5.82

OSHA PEL: 50 PPM

ACGIH TLV: 50 PPM

ACGIH STEL: NOT ES

TABLISHED

Cas: 107-87-9

RTECS #: SA7875000

Name: 2-PENTANONE

% Wt: <2.19

OSHA PEL: 200 PPM

ACGIH TLV: 200 PPM

ACGIH STEL: 881 MG/M3;250 PPM

Cas: 108-10-1

RTECS #: SA9275000

Name: 4-METHYL-2-PENTANONE

% Wt: <2.19

OSHA PEL: 100 PPM

ACGIH TLV: 50 PPM

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

Cas: 95-63-6

RTECS #: DC3325000

Name: 1,2,4-TRIMETHYLBENZENE

% Wt: <2.91

ACGIH TLV: 25 PPM

Cas: 71-36-3
RTECS #: EO1400000
Name: N-BUTANOL
% Wt: <2.91
OSHA PEL: 50 PPM
ACGIH TLV: 100 PPM
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

RTECS #: AR1003761
Name: AROMATIC 100
% Wt: 5.82
ACGIH TLV: 50 PPM

Cas: 64742-95-6
Name: AROMATIC 150
% Wt: <2.91
ACGIH TLV: 5 PPM
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Health Hazards Data
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Route Of Entr
y 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 AN
D

POSSIBLE NAUSEA. HARMFUL IF SWALLOWED. SEVERE EYE IRRITATION.

Signs And Symptions 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 CONTACT A PHYSICIAN/OPHTHALMOLOGIST IMMEDIATELY. IF S WALLOWED, DO NOT
INDU

CE 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: DISP

USE 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: <68.9C, 156.F

Flash Point Text: 104XC 156XF

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.

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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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Vapor Pres: (PSIG) 70 @ 68°F/20°C

Vapor Density: >1.522

Spec Gravity: 1.061PAINT/ 0.886 AEROSOL

VOC Grams/Liter: 572

Evapo

ration Rate & Reference: (BU AC = 1)

Solubility in Water: INSOLUBLE

Appearance and Odor: BLUE / PAINT
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Reactivity Data
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Hazardous Decomposition Products: CARBON MONOXIDE.
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Toxicological Information
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Ecological Inform
ation
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MSDS Transport Information
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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
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Regulatory Information
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Other Information
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Other Information: INFORMATION&RECOMMENDATIONS SET FORTH HEREIN ARE PRESENTED IN GOOD FAITH&-BE CORRECT&RELIABLE.LHB INDUSTRIES MAKES NO REPRESENTATION OF COMPLETENESS/ACCURACY THEREOF&SUPPLIES INFORMATION UPON CONDITI ON THAT

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Transportation Information
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Responsible Party Code: 0FTT5
Trans ID NO: 152753
Product ID: V.O.C. COMPLIANT SPRAY PAINT (AEROSOL)
MSDS Prepared Date: 05/14/1994
Review Date: 09/07/1999
MFN: 1
Multiple KIT Number: 0
Unit Of Issue: PT
Container QTY: 0
Type Of Container: PT

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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: 2-1

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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

=====
HAZCOM Label
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Product ID: V.O.C. COMPLIANT SPRAY PAINT (AEROSOL)
Cage: 0FTT5
Company Name: LHB IN
DUSTRIES
Street: 8833 FLEISCHER PLACE
City: ST. LOUIS MO
Zipcode: 63134
Health Emergency Phone: 314-522-3141
Label Required IND: Y
Date Of Label Review: 05/03/2000
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
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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.

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