

LHB INDUSTRIES -- SO SURE ZINC CHROMATE GREEN COLOR T 34151 AER

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MSDS Safety Information
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FSC: 8010
NIIN: 00-899-8825
MSDS Date: 04/12/1994
MSDS Num: BVVBJ
Product ID: SO SURE ZINC CHROMATE GREEN COLOR T 34151 AEROSOL
MFN: 05
Responsible Party
Cage: 0FTT5
Name: LHB INDUSTRIES
Address: 8833 FLEISCHER PLACE
C
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

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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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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: TT-P-1757A
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: 1.50
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 300 PPM
ACGIH TLV: 300 PPM

Cas: 108-88-3
RTECS #: XS5250000
Name: TOLUENE (SARA III)
% Wt: <1.50
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: 27.74
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 1000 PPM
ACGIH TLV: 750 PPM
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 108-10-1
RTECS #: SA9275000
Name: METHYL ISOBUTYL KETONE
% Wt: 16.65
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 100 PPM
ACGIH TLV: 50 PPM
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 78-83-1
RTECS #: NP9625000
Name: ISOBUTYL ALCOHOL
% Wt: 1.50
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 100 PPM

ACGIH TLV: 50 PPM
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 13530-65-9
RTECS #: GB3290000
Name: ZINC CHROMATE (SARA III)
% Wt: 7.49
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 0.1 MG/M3
ACGIH TLV: 0.05 MG/M3

Cas: 110-19-0
RTECS #: AI4025000
Name: ISOBUTYL ACETATE
% Wt: 3.00
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 150 PPM
ACGIH TLV: 150 PPM
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 142
-82-5
RTECS #: MI7700000
Name: N-HEPTANE
% Wt: 4.49
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 400 PPM
ACGIH TLV: 400 PPM

Cas: 107-98-2
RTECS #: UB7700000
Name: PROPYLENE GLYCOL MONOMETHYL ETHER
% Wt: 3.00
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 100 PPM
ACGIH TLV: 100 PPM

Cas: 64475-85-0
RTECS #: PY8240000
Name: MINERAL SPIRITS
% Wt: <1.50
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 100 PPM
ACGIH TLV: 100 PPM

Cas: 74-98-6
RTECS #: TX2275000
Name: PROPANE
% Wt: 16.59
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 1000 PPM
ACGIH TLV: 1000 PPM

Cas: 115-10-6
RTECS #: PM4780000
Name: DIMETHYL ETHER
% Wt: 12.07
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

RTECS #: 9999999VO
Name: VOC: 86%
Other REC Limits: NONE RECOMMENDED
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Health Haz
ards Data
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Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: YES
Carcinogenicity Inds - NTP: YES
IARC: YES

Effects of Exposure: CONCENTRATING & INHALING THE CONTENTS MAY BE HARMFUL OR FATAL. REPORTS ASSOCIATE REPEATED & PROLONGED OVEREXPOSURE WITH PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. IN CONFINED AREAS VAPORS IN HIGH CONCENTRATIONS ARE ANESTHETIC. SKIN & RESPIRATORY TRACT IRRITATION. LIGHT HEADEDNESS, STAGGERING, GIDDINESS, NAUSEA. *

Explanation Of Carcinogenicity: REPEATED & PROLONGED OVEREXPOSURE TO RELATIVELY INSOLUBLE CHROMATES MAY CAUSE CANCER.

Signs And Symptoms Of Overexposure: IRRITATION TO EYES, THROAT, AND RESPIRATORY TRACT. MAY CAUSE HEADACHES, NAUSEA, AND VOMITING. * HARMFUL IF SWALLOWED, SEVERE EYE IRRITATION.

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 MINTUES
& CONTACT A PHYSICIAN/OPHTHALMOLOGIST IMMEDIATELY. IF SWALLO WED, DO NOT
INDUCE VOMITING. GET IMMEDIATE MEDICAL AID. IF INHALED, REMOVE TO FRESH AIR
& GIVE ARTIFICIAL RESPIRATION IF NECESSARY & GET MEDICAL AID. NEVER
GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSON

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Handling and Disposal
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Spill Release Procedures: REM

OVE 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 PICKUP. DO NOT PLACE IN HOME TRASH COMPACTOR

Handling And Storage Precautions: KEEP OUT OF REACH OF CHILDREN.

CAUTION-CONTENTS UNDER PRESSURE. DO NOT
STORE WHERE TEMPERTATURE EXCEED 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 DIRECTIONS. INTENTIONAL
MISUSE BY DELIBERATELY CONCENTRATING AND INHALING OR SWALLOWING CO NTENTS MAY
BE HARMFUL OR FATAL.

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Fire and Explosion Hazard Information
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Flash Point T

ext: NR

Autoignition Temp Text: 874 F

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 AGAINST BURSTING,
RUPTURING OR VENTING OF CONTAINER

Unusual Fire/Explosion Hazard: DO NOT SPRAY NEAR OPEN FLAME. AT ELEVATED
TEMPERATURE (OVER 120F) CONT

AINERS MAY VENT, RUPTURE OR BURST. AEROSOL

CONTAINER: DO NOT EXPOSE TO TEMPERATURES >120F.

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Control Measures
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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: CHEMCIAL SPLASH GOGGLES

Other Prot

ective 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: 70 @ 68F
Vapor Density: 1.522
Spec Gravity: 0.798 (WATER=1)
Solubility in Water: INSOLUBLE
Appearance and Odor: GREEN / PAINT
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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 Cage: 0FTT5
Trans ID NO: 90734
Product ID: SO SURE ZINC CHROMATE GREEN COLOR T 34151 AEROSOL
MSDS Prepared Date: 04/12/1994
Review Date: 10/20/1994
MFN: 5
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: -
Subsidi
ary 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 ZINC CHROMATE GREEN COLOR T 3415

1 AEROSOL

Cage: 0FTT5

Company Name: LHB INDUSTRIES

Street: 8833 FLEISCHER PLACE

City: ST. LOUIS MO

Zipcode: 63134

Health Emergency Phone: 800-424-9300 CHEMTREC/ 314-522-3141

Label Required IND: Y

Date Of Label Review: 12/16/1998

Status Code: C

Label Date: 12/16/1998

Origination Code: G

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