

LHB INDUSTRIES -- 222C892 SO SURE BROWN (224-392)

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

FSC: 8010
NIIN: 00-582-4743
MSDS Date: 02/01/1993
MSDS Num: BJQDJ
Product ID: 222C892 SO SURE BROWN (224-392)
MFN: 04
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: 314-522-3141 800-424-9300(CHEMTREC)
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: PAINT,RUBBER
Specification Number: A-A-1801
Unit of Issue: PT
UI Container Qty: 0

=====
Ingredients
=====

=====

Cas: 108-88-3
RTECS #: XS5250000
Name: TOLUENE (SARA III)
% Wt: 33.44
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 200 PPM; Z-2
ACGIH TLV: S, 50 PPM; 9394
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 67-64-1
RTECS #: AL3150000
Name: ACETONE (SARA III)
% Wt: 4.69
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 1000PPM
ACGIH TLV: 750PPM/1000STEL;9394
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 64-17-
5
RTECS #: KQ6300000
Name: ETHYL ALCOHOL (ETHANOL)
% Wt: <2.81
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 1000 PPM
ACGIH TLV: 1000 PPM; 9394

Cas: 64475-85-0
RTECS #: PY8240000
Name: MINERAL SPIRITS
% Wt: <2.81
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 8030-30-6
RTECS #: DE3030000
Name: VM & P NAPHTHA [LIGHT ALIPHATIC SOLVENT NAPHTHA]
% Wt: 5.62
Other REC Limits: 300 PPM
OS

HA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 74-98-6
RTECS #: TX2275000
Name: PROPANE
% Wt: 18.88
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 1000 PPM
ACGIH TLV: ASPHYXIAN; 9394

Cas: 75-28-5
RTECS #: TZ4300000
Name: ISOBUTANE
% Wt: 7.43
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 1000 PPM
ACGIH TLV: 1000 PPM
=====

Health Hazards Data
=====

=====

LD50 LC50 Mixture: ORAL LD50 (RAT) IS UNKNOWN
Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: YES
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO

Effects of Exposure: CONCENTRATE/INHALE CONTENTS HARMFUL/FATAL. REPORTS ASSOCIATE REPEATED/PROLONGED OCCUPATIONAL OVEREXPOSURE W/PERMANENT BRAIN/NERVOUS SYSTEM DAMAGE. CONFINED AREAS/HIGH CONCENTRATIONS ARE ANESTHETIC. IRRITATION TO SKIN/RESPIRATORY TRACT. HARMFUL IF SWALLOWED. SEVERE EYE IRRITATION.

Explanation

Of Carcinogenicity: NO INGREDIENT OF A CONCENTRATION EQUAL TO 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

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, 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/ OPTHALMOLOGIST 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.

=====
Handling and Disposal
=====

Spill Release Procedures: REMOVE ALL SOURCES OF IGNITION AND VENTILATE AREA.

MOP SPILLS WITH INERT ABSORBENT. A

VOID BREATHING VAPORS.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: IN ACCORDANCE W/APPLICABLE LOCAL, STATE AND FEDERAL
REGULATIONS. DO NOT PUNCTURE/INCINERATE/STORE ABOVE 120F. EXPOSURE TO
HEAT/PROLONGED EXPOSURE TO SUN: CONTAINER MAY BURST. DISCARD EMPTY IN TRASH
PI CK-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 WHERE TEMPERATURE MAY EXCEED 120F.
AVOID BREATHING SPRAY/MIST/VAPOR.

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

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

Flash Point Text: -156F,-104C

Autoignition Temp Text: 874F

Lower Li

imits: 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 KEEP EXPOSED CONTAINERS
COOL. WEAR SELF-CONTAINED BREATHING APPARATUS. USE SHIELDING TO PROTECT FROM
BURST/RUPTURE/VENT OF CONTAINERS.

Unusual Fire/Explosion Hazard: DO NOT SPRAY NEAR OPEN FLAME. AT ELEVATED
TEMPERATURE (OVER 120F) CONTAINERS MAY VENT/RUPTURE/BURST. AEROSOL CONTAINERS
R;

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: 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 WA

SH
STATION.

Work Hygienic Practices: USE GOOD PERSONAL HYGIENE. DO NOT EAT, DRINK, OR SMOKE WHILE USING PRODUCT.

Supplemental Safety and Health: MSDS ENTERED BY DLA- UNDER PROJECT FOR GSA.

NOTE- WASTE/DISPOSAL: DLA-- EPA/RCRA WASTE NUMBER D001 (IGNITABLE) MAY APPLY TO UNUSED/UNCONTAMINATED PRODUCT.

=====
Physical/Chemical Properties
=====

HCC: V3

B.P. Text: UNKNOWN

M.P/F.P Text: UNKNOWN

D

ecomp Text: UNKNOWN

Vapor Pres: 60MMHG@68F

Vapor Density: >1.5

Spec Gravity: 1.067

Solubility in Water: INSOLUBLE

Appearance and Odor: BROWN PAINT IN AEROSOL CAN

Percent Volatiles by Volume: 76

Corrosion Rate: UNKNOWN

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

Stability Indicator: YES

Stability Condition To Avoid: EXTREME HEAT.

Hazardous Decomposition Products: CARBON MONOXIDE, AND POSSIBLE HYDROGEN CHLORI

DE.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NONE SPECIFIED BY MANUFACTURER.

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

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

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

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

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

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

Responsible Party Cage: 0FTT5
Trans ID NO: 77729
Product ID: 222C89
2 SO SURE BROWN (224-392)
MSDS Prepared Date: 02/01/1993
Review Date: 09/01/1994
MFN: 4
Tech Entry NOS Shipping Nm: CONTAINS PROPANE/ISOBUTANE PROPELLANT
Net Unit Weight: 1.1 LBS
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: PT
Container QTY: 0
Additional Data: 16 OUNCE AEROSOL CAN.

=====
=====
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: 222C892 SO SURE BROWN (224-392)
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: 08/08/1994
Status Code: C
Label Date: 08/08/1994
Origination Code: F
Chronic Hazard IND: Y
Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: DANGER
Respiratory Protection IND: YES
Health Hazard: Moderate
Contact Hazard: Slight
Fire Hazard: Severe
Reactivity Hazard: None
Hazard And Precautions: CONCENTRATE/INHALE CONTENTS HARMFUL/FATAL.REPORTS
AS

SOCIATE REPEATED/PROLONGED OCCUPATIONAL OVEREXPOSURE W/PERMANENT BRAIN/NERVOUS SYSTEM DAMAGE.CONFINED AREAS/HIGH CONCENTRATIONS ARE ANESTHETIC.IRRITATION TO SKIN/RESPIRATORY TRACT.HARMFULIF SWALLOWED.SEVERE EYE IRRITATION.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.TAR GET ORGANS:CNS,SKIN,RESPIRATORY TRACT.

=====

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.