

LILLY RAM INDUSTRIES -- MR225 MOLD RELEASE AEROSOL, CODE ID:187X102

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

FSC: 3680  
NIIN: 00-237-3457  
MSDS Date: 06/15/1995  
MSDS Num: BZPFR  
Product ID: MR225 MOLD RELEASE AEROSOL, CODE ID:187X102  
MFN: 01  
Responsible Party  
Cage: KO769  
Name: LILLY RAM INDUSTRIES  
Address: 210 E ALONDRA BLVD  
City:  
GARDENA CA 90248  
Info Phone Number: 310-352-3087/800-472-6243  
Emergency Phone Number: 310-352-3087/800-424-9300(CHEMTREC)  
Preparer's Name: LEN PULMAN  
Review Ind: Y  
Published: Y

=====  
Contractor Summary  
=====

Cage: 0RCD8  
Name: HOOSIER INDUSTRIAL SUPPLY  
Address: 1223 CHICAGO AVE  
City: GOSHEN IN 46527-0929  
Phone: 219-533-8565  
Cage: 0MTA9  
Name: LILLY IND INC  
Address: 210 E ALONDRA BLVD  
City: GARDENA  
CA 90248  
Phone: 310-352-3087  
Cage: KO769  
Name: LILLY RAM INDUSTRIES  
Address: 210 E ALONDRA BLVD  
City: GARDENA CA 90248  
Phone: 310-352-3087/800-472-6243  
Cage: 22401  
Name: RAM CHEMICALS, WHITTAKER DIV/LILLY INDUSTRIES INC  
Address: 210 E ALONDRA BLVD  
City: GARDENA CA 90248-2808  
Phone: 310-352-3087/800-424-9300(CHEMTREC)

=====  
Item Description Information  
=====

Item Manager: S9G  
Item Name: PARTING C

COMPOUND, FOUNDRY MOLD

Specification Number: NONE

Type/Grade/Class: NONE

Unit of Issue: CN

Quantitative Expression: 00000000015OZ

UI Container Qty: 0

Type of Container: AEROSOL CAN

=====  
Ingredients  
=====

Cas: 75-09-2

RTECS #: PA8050000

Name: METHYLENE CHLORIDE (SARA 313) (CERCLA)

% Wt: 77.0

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 500 PPM; Z-2

ACGIH TLV: 50 PPM, A2; 9495

EPA Rpt Qty: 1000 LBS

DOT Rpt Qty: 1000 LBS

-----  
Cas: 68474-85-7

Name: ISOBUTANE/PROPANE PROPELLANT

% Wt: 20.0

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

=====  
Health Hazards Data  
=====

LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

E

Effects of Exposure: BASED ON PRESENCE OF METHYLENE CHLORIDE, CHRONIC  
OVEREXPOSURE MAY CAUSE KIDNEY AND LIVER INJURY. MAY ALSO CAUSE SKIN BURNS.

Explanation Of Carcinogenicity: NONE

Signs And Symptoms Of Overexposure: KIDNEY AND LIVER INJURY. SKIN BURNS.

Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid: IN ALL CASES FOLLOW APPROPRIATE AMERICAN RED CROSS FIRST AID

RECOMMENDATIONS AND GET MEDICAL ATTENTION. EYES: FLUSH WITH LARGE AMOUNTS OF  
WATER. GET MEDICAL AT

TENTION. SKIN: REMOVE CONTAMINATED CLOTHI NG. WASH AREA WITH SOAP AND WATER. IF NEEDED GET MEDICAL ATTENTION. INHALATION: MOVE TO FRESH AIR. IF ADVERSE SYMPTOMS DEVELOP, GET MEDICAL ATTENTION. INGESTION: GET MEDICAL ATTENTION.

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

Spill Release Procedures: STOP/CONTAIN DISCHARGE. KEEP SOURCES OF IGNITION AWAY. VENTILATE AREA. USE NONSPARKING TOOLS FOR CLEANUP.

COVER WITH INERT MATERIAL. KEEP OUT OF DRAINS/SEWERS/WATERWAYS. CONTACT FIRE AUTHORITIES/POLUT ION CONTROL AGENCIES/SPILL RESPONSE TEAMS.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: DO NOT FLUSH TO SEWER/WATERSHED/WATERWAY. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT INCINERATE CONTAINERS. METHYLENE CHLORIDE (77%) INGREDIENT IS SUBJECT TO REPORTING REQUIREMENTS OF SEC 313 EPCRA,1986 AND 40 CFR 372.

Handling And Storage Pr

ecautions: KEEP CONTAINERS COOL, DRY, AWAY FROM IGNITION SOURCES. USE/STORE WITH ADEQUATE VENTILATION. DO NOT SMOKE IN STORAGE AREAS. AVOID INHALATION OF VAPOR.

Other Precautions: AVOID PERSONAL CONTACT WITH PRODUCT. CONTAINERS MAY BE HAZARDOUS WHEN EMPTIED. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR/LIQUID/SOLID); ALL HAZARD PRECAUTIONS GIVEN IN MSDS MUST BE OSBSE RVED.

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

Flash Point Method: TCC

Flash Point Text: 300F,149C

Lower Limits: 2.0

Upper Limits: 10.0

Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, OR FOAM EXTINGUISHER. NFPA CLASS B EXTINGUISHER. IF WATER USED, FOG NOZZLES PREFERABLE.

Fire Fighting Procedures: WATERSPRAY MAY BE INEFFECTIVE. USE WATER TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILDUP/POSSIBLE AUTOIGNITION/EXPLOSION WHEN EXPOSED TO EXTREME HEAT.

Unusual Fire/Explosion Hazard: AERO

SOL CONTAINER MAY EXPLODE WHEN EXPOSED TO

EXTREME HEAT. NEVER USE WELDING/CUTTING TORCH ON OR NEAR CONTAINER (EVEN EMPTY) BECAUSE PRODUCT MAY EXPLODE.

=====  
Control Measures  
=====

Respiratory Protection: OPEN AREAS: USE FILTER RESPIRATOR TO REMOVE SOLID PARTICLES DURING SPRAY APPLICATION. RESTRICTED AREAS: USE CHEMICAL-MECHANICAL FILTERS TO REMOVE PARTICULATE AND GAS AND VAPORS. CONFINED

AREAS: USE AIR

LINE TYPE RESPIRATORS OR HOODS.

Ventilation: PROVIDE GENERAL DILUTION OR LOCAL EXHAUST VENTILATION IN VOLUME AND PATTERN TO KEEP TLV, LEL BELOW STATED LIMITS.

Protective Gloves: NATURAL RUBBER, NEOPRENE, BUNA N, NITRILE.

Eye Protection: WEAR SAFETY GLASSES.

Other Protective Equipment: WEAR APRON.

Work Hygienic Practices: WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health: PROVIDE ADEQUATE

VENTILATION WHEN REMOVING

DECOMPOSITION PRODUCTS DURING WELDING OR FLAME CUTTING ON SURFACES COATED WITH THIS PRODUCT.

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

HCC: V1

Boiling Point: =40.C, 104.F

M.P/F.P Text: UNKNOWN

Decomp Text: UNKNOWN

Vapor Pres: 3619

Vapor Density: >AIR

Spec Gravity: 1.01

Evaporation Rate & Reference: FASTER THAN BUTYL ACETATE

Solubility in Water: UNKNOWN

Appearance

and Odor: AEROSOL CAN.

Percent Volatiles by Volume: 78.64

Corrosion Rate: UNKNOWN  
=====

Reactivity Data  
=====

Stability Indicator: YES

Stability Condition To Avoid: AVOID EXPOSURE TO SPARKS OPEN FLAME, HOT SURFACES, ALL SOURCES OF HEAT AND IGNITION.

Materials To Avoid: AVOID STRONG OXIDIZING AGENTS; CONTACT WITH THESE MATERIALS MAY CAUSE FIRE OR EXPLOSION. INCOMPATIBLE WITH STRONG ACIDS.

Hazardous Decomposition Products: HEATING TO DECOMPOSITION MAY PRODUCE

HAZARDOUS FUMES CONTAINING CARBON MONOXIDE, CARBON DIOXIDE, NITROGEN OXIDES.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: WILL NOT OCCUR.  
=====

Toxicological Information  
=====

Ecological Information  
=====

=====  
=====

MSDS Transport Information

=====

=====  
=====

Regulatory Information

=====

=====  
=====

Other Information

=====

=====  
=====

Transportation Infor  
mation

=====

Responsible Party Cage: KO769

Trans ID NO: 59143

Product ID: MR225 MOLD RELEASE AEROSOL, CODE ID: 187X102

MSDS Prepared Date: 06/15/1995

Review Date: 06/30/1997

MFN: 1

Tech Entry NOS Shipping Nm: METHYLENE CHLORIDE, ISOBUTANE/PROPANE PROPELLANT

Radioactivity: NOT RELEVANT

Net Unit Weight: 16 OZ

Multiple KIT Number: 0

Review IND: Y

Unit Of Issue: CN

Container QTY: 0

Type Of Container: AEROSOL CAN

Additional Data: IMDG CLASSIFICATION IS

IAW THE COMPETENT AUTHORITY OF THE

COUNTRY OF CONCERN. PER CARROL: NOT REGULATED BY DOT (SURFACE). NOT SUITABLE  
FOR AIR SHIPMENT.

=====  
=====

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: XXX  
=====

Detail IATA Information  
=====

IATA PSN Code: XXX  
=====

Detail AFI Information  
=====

AFI PSN Code: XXX  
=====

=====  
HAZCOM Label  
=====

Product ID: MR225 MOLD RELEASE AEROSOL, CODE ID: 187X102

Cage: KO769

Assigned IND: Y

Company Name: LILLY RAM INDUSTRIES

Street: 210 E ALONDRA BLVD

City: GARDENA CA

Zipcode: 90248

Health Emergency Phone: 310-352-3087, 800-424-9300(CHEMTREC)

Label Required IND: Y

Date Of Label Review: 06/25/1996

Status Code: C

Label Date: 06/25/1996

Origination Code: F

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: CAUTION

Respi

ratory Protection IND: YES

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: Slight

Reactivity Hazard: None

Hazard And Precautions: CHRONIC OVEREXPOSURE TO METHYLENE CHLORIDE MAY CAUSE KIDNEY AND LIVER INJURY, SKIN BURNS. KEEP CONTAINERS COOL, DRY, AWAY FROM IGNITION SOURCES. USE/STORE WITH ADEQUATE VENTILATION. DO NOT SMOKE IN STORAGE AREAS. AVOID INHALATION OF VAPOR. FIRST AID: IN ALL CASES FOLLOW APPROPRIATE AMERICAN RED CROSS FIRST AID RECOMMENDATIONS AND GET MEDICAL ATTENT

ION. EYES: FLUSH WITH WATER. GET MEDICAL ATTENTION. SKIN: REMOVE  
CONTAMINATED CLOTHING. WASH AREA WITH SOAP AND WATER. IF NEEDED GET MEDICAL  
ATTENTION. INHALATION: MOVE TO FRESH AIR. IF ADVERSE SYMPTOMS DEVELOP, GET  
MEDICAL ATTENTION. INGESTION: GET MEDICAL ATTENTION. EYES, SKIN, KIDNEY,  
LIVER.

=====  
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 A

merica 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.