

LENMAR INC -- WHT TTL54C TYPE 2

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

FSC: 8010
NIIN: 00-166-1667
MSDS Date: 04/22/1997
MSDS Num: CLLWM
Product ID: WHT TTL54C TYPE 2
MFN: 01
Responsible Party
Cage: 12904
Name: LENMAR INC
Address: 33 N WARWICK AVENUE
City: BALTIMORE MD 21223-1413
Info Phone Number: 410-947-2300
Emergency Phone Number: 800-966-7020
Preparer's Name: HENRY SIMMONS
Review Ind: Y
Published: Y

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

Cage: 12904
Name: LENMAR INC
Address: 33 N WARWICK AVENUE
City: BALTIMORE MD 21223-1413
Phone: 410-947-2300

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

Item Manager: GSA
Item Name: LACQUER
Specification Number: A-A-1452A
Unit of Issue: GL
UI Container Qty: 4
Type of Container: METAL

=====
Ingredients
=====

Cas: 78-93-3
RTECS #: EL6475000
Name: METHYL ETHYL KETONE
Percent by Wt: 24.6
OSHA PEL: 590 MG/M3;200 PPM
ACGIH TLV: 590 MG/M3;200 PPM
ACGIH STEL: 885 MG/M3;300 PPM
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Ca

s: 67-64-1
RTECS #: AL3150000
Name: ACETONE
Percent by Wt: 12.6
OSHA PEL: 2400 MG/M3;1000 PPM
ACGIH TLV: 1780 MG/M3;750 PPM
ACGIH STEL: 2380 MG/M3;1000 PPM
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 123-86-4
RTECS #: AF7350000
Name: N-BUTYL ACETATE
Percent by Wt: 14.6
OSHA PEL: 710 MG/M3;150 PPM
ACGIH TLV: 713 MG/M3;150 PPM
ACGIH STEL: 950 MG/M3;200 PPM
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 108-94-1
RTECS #: GW1050000

Name: CYCLOHEXANONE
Percent by Wt: 6.3
OSHA PEL: 200 MG/M3;50 PPM
ACGIH TLV: 100 MG/M3;25 PPM
ACGIH STEL: NOT ESTABLISHED
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 1330-20-7
RTECS #: ZE2100000
Name: XYLENE
Percent by Wt: 3.7
ACGIH TLV: 434 MG/M3;100 PPM
ACGIH STEL: 651 MG/M3;150 PPM
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 108-88-3
RTECS #: XS5250000
Name: TOLUENE
Percent by Wt: 7.6
OSHA PEL: SEE TABLE Z-2
ACGIH TLV: 1

88 MG/M3;50 PPM
ACGIH STEL: NOT ESTABLISHED
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 13463-67-7
RTECS #: XR2275000
Name: TITANIUM DIOXIDE
Percent by Wt: 9.2
OSHA PEL: 15 MG/M3
ACGIH TLV: 10 MG/M3
ACGIH STEL: NOT ESTABLISHED

Cas: 9005-09-8
Name: VINYL RESIN
Percent by Wt: 19.4
=====

Health Hazards Data
=====

Route Of Entry Inds

- Inhalation: YES

Effects of Exposure: CENTRAL NERVOUS SYSTEM DEPRESSION (NAUSEA, VOMITING
DIZZINESS, HEADACHE). REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED
OCCUPATIONAL OVEREXPOSURES TO SOLVENTS WITH BRAIN AND NERVOUS SYSTEM
DAMAGE.

INTENTIONAL MISUSE BY DELIBERATING CONCENTRATING AND INHALING THE CONTENTS
MAY BE HARMFUL OR FATAL.

Signs And Symptoms Of Overexposure: IRRITATION OF NOSE, THROAT, EYES &
POSSIBLE DIZZINESS &; NAUSEA. NARCOSIS MAY OCCUR IN HIGH CONCENTRATIONS.
XYLENE: STUDIES HAVE SHOWN A POSSIBLE ASSOCIATION WITH EXPOSURE TO THIS
PRODUCT AND RESPIRATORY TRACT IRRITATION, LIVER & KIDNEY DAMAGE IN
HUMANS, NAUSEA AND VOMITING. TOLUENE: INTENTIONAL ABUSE, MISUSE OR OTHER
MASSIVE EXPOSURE TO TOLUENE MAY CAUSE MULTIPLE ORGAN (LIVER, KIDNEY, BRAIN
CELL) DAMAGE AND/OR DEATH.

Medical Cond Aggravated By Exposure: PREEXISTING SKIN, EYE AND RESPIRATORY
DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

First Aid: MOVE TO FRESH AIR & C

ALL A PHYSICIAN. FLUSH EYE WITH WATER. WASH

OFF SKIN CONTACT WITH SOAP & WATER. IF INGESTED, DO NOT INDUCE VOMITING.
=====

Handling and Disposal
=====

Spill Release Procedures: EXTINGUISH PILOT LIGHTS, OPEN FLAMES AND OTHER
IGNITION SOURCES. VENTILATE AREA. RECOVER FREE LIQUID WITH ABSORBENT MATERIAL
AND PLACE IN METAL CONTAINERS.

Waste Disposal Methods: OBSERVE PRECAUTIONS FOR DISPOSAL

OF FLAMMABLE MATERIALS

IN ACCORDANCE WITH LOCAL, STATE & FEDERAL REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS.

Handling And Storage Precautions: KEEP PRODUCT CONTAINERS COOL, DRY AND AWAY FROM SOURCES OF IGNITION. USE AND STORE WITH ADEQUATE VENTILATION. KEEP PRODUCT CONTAINERS COOL WHEN NOT IN USE.

Other Precautions: AVOID PROLONGED CONTACT WITH SKIN & BREATHING OF VAPOR MIST. DO NOT TAKE INTERNALLY. CONTAINERS SHOULD BE GROUNDED AND BONDED WHEN POURING TO REDUCE SPARKING HAZARD.

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

Flash Point Method: SCC

Flash Point: =-7.6C, 18.F

Lower Limits: 1.00

Extinguishing Media: FOAM, CARBON DIOXIDE OR DRY CHEMICAL FOR SMALL FIRES.

Fire Fighting Procedures: USE SELF-CONTAINED AIR SUPPLY FOR PERSONS IN ENCLOSED AREAS. COOL EXPOSED CONTAINERS WITH WATER.

Unusual Fire/Explosion Hazard: KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM

HEAT, SPARKS, ELECTRICAL EQUIPMENT AND OPEN FLAME. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT.

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

Respiratory Protection: IF APPLIED BY SPRAYING, USE APPROVED-RESPIRATOR (EXAMPLE-NIOSH 23C)

Ventilation: PROVIDE ADEQUATE MECHANICAL VENTILATION TO KEEP PRODUCT VAPOR CONCENTRATIONS WITHIN SPECIFIED TLV RANGES.

Protective Gloves: USE NEOPRENE OR SOLVENT RESISTANT GLOVES TO PREVENT SKIN CONTACT.

Eye Protection: SAFETY GLASSES, CHEMICAL GOGGLES AND/OR FACE SHIELDS ARE RECOMMENDED.

Other Protective Equipment: USE PROTECTIVE CREAM WHERE SKIN CONTACT IS LIKELY. (EXAMPLE ? DUPONT PRO-TEK)

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

Vapor Density: > AIR

VOC Pounds/Gallon: 5.79

VOC Grams/Liter: 693

Evaporation Rate & Reference: SLOWER

THAN ETHER

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

Stability Indicator: YES

Stability Condition To Avoid: HIGH TEMPERATURES, SPARKS, FLAME.

Materials To Avoid: KEEP AWAY FROM OXIDIZING AGENTS.

Hazardous Decomposition Products: OXIDES OF NITROGEN, CARBON MONOXIDE, CARBON DIOXIDE. UNIDENTIFIED ORGANICS AND SMOKE MAY BE FORMED DURING COMBUSTION.

Hazardous Polymerization Indicator: NO
=====

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

Sara Title III Information: METHYL ETHYL KETONE 78-93-3 24.6%. XYLENE 1330-20-7 3.7%. TOLUENE 108-88-3 7.6%
=====

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

Product ID: WHT TTL54C TYPE 2

Cage: 12904

Company Name: LENMAR INC

Street: 33 N WARWICK AVENUE

City: BALTIMORE MD

Zipcode: 21223-1413

Health Emergency P

hone: 800-966-7020

Label Required IND: Y

Date Of Label Review: 09/14/2001

Status Code: A

Origination Code: G

Hazard And Precautions: CENTRAL NERVOUS SYSTEM DEPRESSION (NAUSEA, VOMITING DIZZINESS, HEADACHE). REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURES TO SOLVENTS WITH BRAIN AND NERVOUS SYSTEM DAMAGE.

INTENTIONAL MISUSE BY DELIBERATING CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.
=====

Disc

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.