

MARSTON BENTLEY, INC. -- HYLOMAR PL32 -- 8030-01-015-9426

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Product Identification
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Product ID:HYLOMAR PL32

MSDS Date:07/06/1994

FSC:8030

NIIN:01-015-9426

MSDS Number: BYFLW

=== Responsible Party ===

Company Name:MARSTON BENTLEY, INC.

Address:1848 STAR BATT DR

City:ROCHESTER

State:MI

ZIP:48309

Country:US

Info Phone Num:313-852-6730

Emergency Phone Num:800-424-9300 CHEMTREC

Preparer's Nam

e:OLIVER W. BARR

CAGE:MO541

=== Contractor Identification ===

Company Name:BENTLEY MARSTON INC.

Address:1820 STAR BATT DRIVE EAST

City:ROCHESTER

State:MI

ZIP:48063

Phone:(313) 852-6730

CAGE:0EPH9

Company Name:MARSTON BENTLEY, INC

Address:223 NORTH BROCKMAN ST

City:PASADENA

State:TX

ZIP:77506

Country:US

CAGE:MO541

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Composition/Information on Ingredients
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Ingred Name:METHYLENE CHLORIDE (SARA 313) (CERCLA)

CAS:75-09-2

RTECS #:PA8050000

Fraction by Wt: 30%

Other REC Lim

its:NONE RECOMMENDED
OSHA PEL:500 PPM; Z-2
ACGIH TLV:50 PPM, A2; 9495
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:POLYESTER POLYOL
Fraction by Wt: 70%
Other REC Limits:NONE RECOMMENDED

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===== Hazards Identification =====
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: INHALATION OF MISTS/VAPORS AND
INGESTION MAY CAUSE NARCOTIC AND TOXIC EFFECTS. C
ONTACT WITH SKIN
AND EYES MAY CAUSE IRRITATION. CHRONIC: NONE SPECIFIED BY
MANUFACTURER.
Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%
OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.
Effects of Overexposure:INHALED/INGESTED-HEADACHE, DIZZINESS, NARCOSIS,
COMA. SKIN-IRRITATION, DEFATTING. EYES-SEVERE IRRITATION.
Medical Cond Aggravated by Exposure:PERSONS WITH ANGINA OR HEART
DISEASE OR THOSE WHO ARE HEAVY DRINKERS OR SMOKERS SHOULD NOT
BE
EXPOSED TO THIS PRODUCT.

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===== First Aid Measures =====
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First Aid:EYES-IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. CALL
APHYSICIAN. SKIN-REMOVE CONTAMINATED CLOTHES. WASH WITH MILD SOAP &
WATER. GET MEDICAL ATTENTION IF IRRITATION OCCURS. INHALED-REMOVE
TO FRESH AI R. TREAT SYMPTOMS. INGESTED-DO NOT GIVELIQUIDS IF
UNCONSCIOUS OR DROWSY. DO NOT INDUCE VOMITING! CALL A PHYSICIAN.

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===== Fire Fighting Measures =====
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Flash Point Method:COC
Flash Point:165F,74C
Lower Limits:13
Upper Limits:22
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM.
Fire Fighting Procedures:NONE (PER MFR MSDS). DLA-HMIS: WEAR
SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. COOL
FIRE EXPOSED CONTAINERS WITH WATER.
Unusual Fire/Explosion Hazard:PHOSGENE AND CHLOROHYDROCARBONS WILL BE
FORMED AT HIGH TEMPERATURES AND IN THE PRESENCE OF OPEN FLAME.

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===== Accidental Release Meas

ures =====

Spill Release Procedures:ALLOW SOLVENT TO EVAPORATE IN A FORCED DRAUGHT. SCRAPE UP PUTTY AND PLACE IN A CONTAINER SUITABLE FOR DISPOSAL. AVOID BREATHING FUMES/SPRAY/MIST. VENTILATE CONFINED SPACES. KEEP FROM WATER COURSES AND SEWERS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:KEEP AWAY FROM FOODSTUFFS. WASH THOROUGHLY AFTER HANDLING. DO NOT EAT , DRINK OR SMOKE WHILE USING.

STORE IN A COOL, DRY PLACE BETWEEN 5C AND 35C.

Other Precautions:EYE WASH STATION & SAFETY SHOWER AND WASHING FACILITIES SHOULD BE AVAILABLE.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR AN EMERGENCY OCCURS; WEAR AN MSHA/NIOSH APPROVED RESPIRATOR OR AN AIR-SUPPLIED RESPIRATOR OR SCBA, AS REQUIRED. USE IN ACCORDANCE WITH 29 CFR 1910.13 4 AND MANUFACTURER'S RECOMMENDATIONS.

Ventilation:USE ADEQUATE MECHANICAL VENTILATION OR LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:NITRILE.

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER, WASHING FACILITIES.

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

Supplemental Safety and Health

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

HCC:T4

Boiling Pt:B.P. Text:104F,40C

Vapor Pres:400

Vapor Density:2.9

Spec Gravity:1.3

Evaporation Rate & Reference:25 (N-BUTYL ACETATE=1)

Solubility in Water:MODERATE

Appearance and Odor:BLUE GEL.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:PHOSGENE AND CHLOROHYDROCARBONS

Conditions to Avoid Polymerization:WILL NOT OCCUR.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL ENVIRONMENTAL REGULATIONS.

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