

MERCURY MARINE -- QUICKSILVER BELLOW ADHESIVE, 92-86166 -- 8040-00-168-6829

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Product Identification  
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Product ID:QUICKSILVER BELLOW ADHESIVE, 92-86166

MSDS Date:06/18/1990

FSC:8040

NIIN:00-168-6829

MSDS Number: CCSSD

=== Responsible Party ===

Company Name:MERCURY MARINE

Address:W6250 W PIONEER RD

Box:1939

City:FOND DU LAC

State:WI

ZIP:54936-1939

Country:US

Info Phone Num:414-929-5418

Eme

rgency Phone Num:414-929-5000800-424-9300(CHEMTREC)

CAGE:88906

=== Contractor Identification ===

Company Name:MERCURY MARINE

Address:W6250 WEST PIONEER RD

Box:1939

City:FOND DU LAC

State:WI

ZIP:54936-1939

Country:US

Phone:414-929-5418

CAGE:88906

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Composition/Information on Ingredients  
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Ingred Name:ETHANE, 1,1,1-TRICHLORO-; (1,1,1-TRICHLOROETHANE) (METHYL  
CHLOROFORM) (SARA 313) (CERCLA)

CAS:71-55-6

RTECS #:KJ2975000

Fraction by Wt: 80-85%

OSHA PEL:350 PPM

ACGIH T

LV:350 PPM; 450 STEL  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS  
Ozone Depleting Chemical:1

Ingred Name:TOLUENE (SARA 313) (CERCLA)  
CAS:108-88-3  
RTECS #:XS5250000  
Fraction by Wt: 5-10%  
OSHA PEL:200 PPM  
ACGIH TLV:50 PPM, S  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:SUPDAT: FOLLOWING EFTS IN HUMANS: CARDIAC ABNORMALITY,  
LIVER ABNORMALITIES, KIDNEY & LUNG DAMAGE. CERTAIN RAW (ING 4)  
RTECS #:9999999ZZ

Ingred Name:ING 3: MATLS USED IN MAKING THIS PROD MAY CONTAIN SMALL  
AMOUNTS OF  
MATLS AS IMPURITIES WHICH ARE REGULATED BY (ING 5)  
RTECS #:9999999ZZ

Ingred Name:ING 4: PROPOSITION 65 WHICH APPLIES TO LIST OF CHEMICALS  
NAMED BY GOVERNOR OF CA AS CARCINS OR REPRODUCTIVE TOXINS.  
RTECS #:9999999ZZ

Ingred Name:FIRST AID PROC: MED ATTN. DO NOT GIVE STIMULANTS.  
EPINEPHRINE OR EPHEDRINE MAY ADVERSELY AFFECT HEART W/FATAL  
RESULTS.  
RTECS #:9999999ZZ

Ingred Name:SPILL PROC: PVNT SPREADING, PUMP LIQUID TO SALVAGE TANK.  
REMAINING LIQUID MAY BE TAKEN UP ON SAND, CLAY,  
EARTH, (ING 8)  
RTECS #:9999999ZZ

Ingred Name:ING 7: FLOOR ABSORBENT OR OTHER ABSORBENT MATERIAL &  
SHOVELED INTO CONTAINERS.  
RTECS #:9999999ZZ

Ingred Name:WASTE DISP METH: ABSORBENT MAY BE DEPOSITED IN A LANDFILL  
I/A/W FEDERAL, STATE & LOCAL REGULATIONS.  
RTECS #:9999999ZZ

Ingred Name:HNDLG/STOR PRECS: CAUSE VIOLENT REACTION. CONSULT SAFETY  
EQUIPMENT SUPPLIER FOR FURTHER INFORMATION.  
RTECS #:9999999ZZ

Ingred Name:OTHER PRECS: EMPTY CONTAINERS RETAIN PRODUCT RESIDUE  
(VAPOR, LIQU

ID &/OR SOLID), ALL HAZARD PRECAUTIONS GIVEN (ING 12)  
RTECS #:9999999ZZ

Ingred Name:ING 11: IN DATA SHEET MUST BE OBSERVED. AVOID CONTACT  
W/PLASTIC & RUBBER IE, EQUIPMENT, PROT CLOTHING & CONTAINERS.  
RTECS #:9999999ZZ

===== Hazards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:CHLOROCARBON  
MATLS HAVE PRDCED SENSIT

OF THE MYOCARDIUM TO EPINEPHRINE IN LAB ANIMALS & COULD HAVE A  
SIMILAR EFFECT IN HUMANS. ADRENOMIMETICS (EG, EPINEPHRINE) MAY BE  
CONTRA-INDICATED EXCEPT FOR LIFE- SUSTAINING USES IN HUMANS  
ACUTELY/CHRONICALLY EXPOSED TO CHLOROCARBONS . EYE: CAN CAUSE  
SEVERE (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZ: IRRIT, REDNESS, TEARING, BLURRED  
VISION. SKIN: CAN CAUSE MOD IRRIT, DEFAT, DERM. INHAL: CAN CAUSE

NASAL & RESP IRRIT, DIZZ, WEAK, FATG, NAUS, HDCH, POSS UNCON & EVEN  
ASPHY. INGEST: CAN CAUSE GI IRRIT, NAUS, VOMIT & DIARR. CHRONIC:  
TOLUENE APPEARS ON THE NAVY LIST OF OCCUP CHEM REPRODUCTIVE HAZS.  
SEEK (SUPDAT)

Medical Cond Aggravated by Exposure:POSSIBLY ANY EYE, LUNG OR SKIN  
DISORDER.

===== First Aid Measures =====

First Aid:SKIN: THOROUGHLY WASH EXPOSED AREA W/SOAP & WATER. REMOVE  
CONTAMD CLTHG (LAUNDRER BEFORE REUSE). EYES: F  
LUSH W/LARGE AMOUNTS

OF WATER, LIFTING UPPER & LOWER LIDS OCCASNLY. GET MED ATTN.  
INGEST: DO NOT INDUCE VOMIT. CALL MD OR TRANSPORT TO AN EMER  
FACILITY. INHAL: REMOVE TO FRESH AIR. IF BRTHG IS DFCLT, ADMINISTER  
OXYGEN. IF BRTHG HAS STOPPED, GIVE ARTF RESP. KEEP PERSON WARM &  
QUIET. GET (ING 6)

===== Fire Fighting Measures =====

Flash Point:NONE

Lower Limits:6.7%

Extinguishing Media:WATER FOG.

Fire Fighting Procedures:WEAR NIOSH APPROVED PR

ESSURE DEMAND SCBA AND

FULL PROTECTIVE EQUIPMENT . WATER MAY BE USED TO KEEP FIRE-EXPOSED CONTAINERS COOL UNTIL FIRE IS OUT.

Unusual Fire/Explosion Hazard:THERMAL DECOMP PROD MAY INCL HCL & PHOSGENE. NEVER USE WELDING/CUTTING TORCH ON/NEAR DRUMS (EVEN EMPTY) BECAUSE PROD (EVEN JUST RESIDUE) CAN IGNITE EXPLO.

===== Accidental Release Measures =====

Spill Release Procedures:ABSORB LIQ ON PAPER, VERMICULITE, FLOOR ABSORB OR OTHER ABSORB MATL & TRANSFER TO HOOD. LARGE SPILL: PERS NOT WEARING PROT EQUIP SHOULD BE EXCLUDED FROM AREA OF SPILL UNTIL CLEANUP HAS BEEN COMPLETED. STOP SPILL AT SOURCE, DIKE AREA TO (ING 7)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN DRY, COOL PLACE. DO NOT STORE OUTSIDE IN DIRECT SUNLIGHT. CONTACT W/ALUMINUM PARTS IN PRESSURIZABLE FLUID APPLICATION SYSTEM MAY (ING 10)

Other Pre

cautions:NO SMKNG IN AREA OF USE. DO NOT USE IN GEN VICIN OF ARC WELDING, OPEN FLAMES OR HOT SURFS. HEAT &/OR UV RADIA MAY CAUSE FORM OF HCL &/OR PHOSGENE . KEEP AWAY FROM CHILDREN! CNTNRS OF THIS MATL M AY BE HAZ WHEN EMPTIED. SINCE (ING 11)

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

Respiratory Protection:A NIOSH APPROVED AIR-SUPPLIED RESPIRATOR IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL.

Ventilation:LOCAL EXHASUT AND MECHANICAL VENTILATION

Protective Gloves:POLYVINYL ALCOHOL/POLYETHYLENE GLOVES.

Eye Protection:ANSI APPRVD CHEM WORKERS GOGGS .

Other Protective Equipment:ANSI APPROVED EYE WASH & DELUGE SHOWER . IMPERVIOUS CLOTHING AND BOOTS.

Work Hygienic Practices:ALWAYS FOLLOW GOOD HOUSEKEEPING AND PERSONAL HYGIENE PRACTICES.

Supplemental Safety and Health

MATL TO AVOID: OXIDIZING AGENTS. EFTS OF OVEREXP: CONSULTATION FROM APPROP HLTH PROFESSIONALS CONCERNING LATEST HAZ LIST INFO & SAFE HNDLG & EXPOS INFO . OVERE

XP HAS APPARENTLY BEEN FOUND TO CAUSE  
FOLLOWING EFFECTS IN LAB ANIMALS: LIVER ABNORMALS, KIDNEY & LUNG DAMAGE.  
ALSO HAS BEEN SUGGESTED AS A CAUSE OF (INGESTION 3)

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

HCC:T6  
Boiling Pt: B.P. Text: 162F, 72C  
Vapor Pressure: 96  
Vapor Density: 4.4  
Specific Gravity: 1.28 (H<sub>2</sub>O=1)  
Evaporation Rate & Reference: 2.7 (BUTYL ACETATE=1)  
Solubility in Water: NEGLIGIBLE  
Appearance and Odor: TAN, LIQUID; CHLORINATED SOLVENT ODOR.

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

Stability Indicator/Materials to Avoid: YES  
WATER, REACTIVE METALS SUCH AS ALUMINUM & MAGNESIUM, OPEN FLAME,  
WELDING ARCS, RESISTANCE HEATERS, ETC & STRONG (SUPPORT DATA)  
Stability Condition to Avoid: NONE.  
Hazardous Decomposition Products: THERMAL DECOMPOSITION - HYDROGEN  
CHLORIDE, SMALL AMOUNTS OF PHOSGENE, CHLORINE.

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

Waste Disposal Methods: ALLOW VOLATILE PORTION TO EVAPORATE IN HOOD.  
ALLOW SUFFICIENT TIME FOR VAPORS TO COMPLETELY CLEAR HOOD DUCT WORK.  
DISPOSE OF REMAINING MATERIAL I/A/W APPLICABLE FEDERAL, STATE & LOCAL REGULATIONS.  
LARGE SPILL: DESTROY BY LIQUID INCINERATION. CONTAMINATED (INGESTION 9)

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