

WASSER HIGH-TECH COATINGS INC, -- MC-LUSTER 2.8 -- 8010-01-396-6832

=====
Product Identification
=====

Product ID:MC-LUSTER 2.8

MSDS Date:09/13/2000

FSC:8010

NIIN:01-396-6832

Status Code:A

MSDS Number: CLPHB

=== Responsible Party ===

Company Name:WASSER HIGH-TECH COATINGS INC,

Address:8041 S. 228TH STREET

City:KENT

State:WA

ZIP:98032

Country:US

Info Phone Num:253-850-2967

Emergency Phone Num:800-

424-9300

Preparer's Name:ERNEST CARTER

Chemtrec Ind/Phone:(800)424-9300

CAGE:1RE12

=== Contractor Identification ===

Company Name:WASSER HIGH-TECH COATINGS INC,

Address:8041 S. 228TH STREET

Box:City:KENT

State:WA

ZIP:98032

Country:US

Phone:253-850-2967

CAGE:1RE12

=====
Composition/Information on Ingredients
=====

Ingred Name:POLYURETHANE PREPOLYMER

Minumum % Wt:30.

Maxumum % Wt:55.

Ingred Name:HIGH FLASH NAPHTHA

CAS:64742-95-6

Code:F

RTECS #:WF3400000

Minumum % Wt:5.

Maxumum

% Wt:15.

Ingred Name:METHYL N-AMYL KETONE

CAS:110-43-0

RTECS #:MJ5075000

Minumum % Wt:2.

Maxumum % Wt:12.

OSHA PEL:465 MG/M3;100 PPM

ACGIH TLV:233 MG/M3;50 PPM

Ingred Name:METHYL ISOBUTYL KETONE

CAS:108-10-1

RTECS #:SA9275000

Minumum % Wt:0.

Maxumum % Wt:10.

OSHA PEL:410 MG/M3;100 PPM

ACGIH TLV:205 MG/M3;50 PPM

ACGIH STEL:307 MG/M3;75 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:XYLENE

CAS:1330-20-7

RTECS #:ZE2100000

Minumum % Wt:0.

Maxumum % Wt:10.

ACGIH TLV:434 MG/M3;100 PPM

AC

GIH STEL:651 MG/M3;150 PPM

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:ACUTE: PROLONGED UNPROTECTED BREATHING OF SOLVENT VAPOR OR SPRAY MAY CAUSE EYE, NOSE, RESPIRATORY TRACT AND/OR SKIN IRRITATION. ALLERGIC SKIN OR RESPIRATORY REACTION MAY OCCUR IN SOME INDIVIDUALS. NA RCOTIC IN HIGH CONCENTRATIONS. HEADACHE, NAUSEA, CONF

USION, REVERSIBLE EYE DAMAGE, ABDOMINAL PAIN, FATIGUE AND LOSS OF CONSCIOUSNESS MAY OCCUR. CHRONIC: LONG TERM UNPROTECTED EXPOSURE MAY LEAD TO MUSCULAR WEAKNESS, CONFUSION, IMPAIRED COORDINATION, LIVER, DAMAGE KIDNEY DAMAGE DERMATITIS MUCOUS MEMBRANE DAMAGE, PULMONARY EDEMA, ANOREXIA AND/OR BLOOD DISORDERS. LARGE DECREASES IN LUNG FUNCTION MAY OCCUR WITH CHRONIC OVEREXPOSURE TO ISOC

Effects of Overexposure:INHALED: NASAL AND RESPIRATORY TRACT IRRITATION.BREATHING SO

LVENT VAPORS AT CONCENTRATIONS IN AIR THAT EXCEED 80 PPM CAN CAUSE NARCOSIS AND CENTRAL NERVOUS SYSTEM EFFECTS INCLUDING DIZZINESS, LOSS OF COORDINATION, DROWSINESS, HEADACHES, CONFUSION, FATIGUE, NAUSEA, LOSS OF APPETITE AND/OR LOSS OF CONSCIOUSNESS. SENSITIZED INDIVIDUALS MAY EXPERIENCE CHEST TIGHTNESS, WHEEZING, COUGHING AND/OR SHORTNESS OF BREATH. CONTACT WITH SKIN: OVEREXPOSURE MAY CAUSE SEVERE IRRITATION. CONTACT WITH EYES: MAY CAUSE SEVERE IRRITATION. ANY INGESTI

ON IS HARMFUL RESULTING IN BURNING SENSATION IN THE MOUTH, AND STOMACH H ACCOMPANIED BY ABDOMINAL DISTRESS.

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

First Aid:INGESTION: GASTROINTESTINAL DISTRESS. IN THE UNLIKELY EVENT OF INGESTION. CALL A PHYSICIAN IMMEDIATELY.SKIN:REMOVE HEAVILY CONTAMINATED CLOTHING. WASH AFFECTED SKIN THOROUGHLY WITH SOAP AND WATER.EYE: FLUSH WITH WATER FOR AT LEAST 15 MINUTES AND CONSULT A PHYSICIAN. INHALATION: REMOVE EXPOSED PERSON TO FRESH AIR. TREAT FOR EXPOSURE TO ORGANIC SOLVENT. GIVE MOUTH TO MOUTH THEN OXYGEN IF BREATHING HAS STOPPED. CONSULT A PHYSICIAN.

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

Flash Point:=-25.6C, 78.F

Extinguishing Media:DRY CHEMICAL, FOAM, CARBON DIOXIDE, WATER SPRAY.

Fire Fighting Procedures:WEAR SELF CONTAINED BREATHING APPARATUS (SCBA) WITH A FULL FACE PIECE, OPERATED IN THE POSITIVE PRESSURE MODE.

FULL PROTECTIVE CLOTHING SUCH AS RUBBER GLOVES, BOOTS, ETC. SHOULD

BE WORN BY FIRE FIGHTERS. NO SKIN SHOULD BE EXPOSED. CLEAR FIRE AREA OF UNPROTECTED PERSONNEL. WATER FROM FOG NOZZLES MAY BE USEFUL TO COOL

Unusual Fire/Explosion Hazard:VAPOR IS HEAVIER THAN AIR. UNDER CONDITIONS OF STAGNANT AIR, VAPORS CAN BUILD UP AND TRAVEL A CONSIDERABLE DISTANCE ALONG THE GROUND TO AN IGNITION SOURCE, WHICH MAY RESULT IN A FLASH BACK TO THE SOURCE OF THE VAPORS, OR AN EXPLOSION. DO NOT USE OR STORE CLOSED CONTAINERS

INERS MAY EXPLODE
WHEN EXPOSED TO EXTREME HEAT.

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

Spill Release Procedures: THIS MATERIAL IS PAINT MINOR SPILLS OR LEAKS IN WELL VENTILATED AREAS CAUSE NO HAZARD. MAJOR SPILLS IN CONFINED AREAS SHOULD BE TREATED WITH CARE. AVOID ALL SOURCES OF IGNITION IF SOLVENT VAPORS ARE EXCESSIVE OR THE SPILL IS CONFINED TO A CLOSED VAN OR CONFINED SPACE. PERSONS NOT WEARING PROTECTIVE EQUIPMENT SHOULD AVOID THE AREA UNTIL SOLVENT VAPORS HAVE SUBSIDED. AVOID ALLOWING SPILLED MATERIAL

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

Handling and Storage Precautions: STORE IN A COOL, WELL VENTILATED LIQUID STORAGE AREA.

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

Respiratory Protection: DURING SPRAYING OR APPLICATION IN CONFINED SPACES IT IS REQUIRED TO WEAR A FULL FRESH AIR SUPPLIED RESPIRATOR. THIS PRODUCT WILL GENERALLY NOT SHOW REACTIVE ISOCYANATE AT LEVELS

ABOVE THE TLV IN THE VAPOR PHASE, EVEN DURING SPRAY OPERATIONS; HOWEVER, DURING SPRAY OPERATIONS SPRAY PARTICLES WILL CONTAIN REACTIVE PREPOLYMER AT A HAZARDOUS LEVEL.

Protective Gloves: PERMEATION RESISTANT GLOVES; NEOPRENE OR NITRILE RUBBER, POLYVINYL ALCOHOL.

Eye Protection: LIQUID CHEMICAL GOGGLES.

Other Protective Equipment: APPROPRIATE PROTECTIVE CLOTHING NECESSARY TO PREVENT REPEATED OR PROLONGED SKIN CONTACT.

Work Hygienic Practices: WASH HANDS THOROUGHLY WITH SOAP AND WATER AFTER

HANDLING THIS PRODUCT AND BEFORE EATING OR SMOKING.

Supplemental Safety and Health

DO NOT WELD, HEAT OR DRILL ON OR NEAR CONTAINERS. WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT WHEN WORKING ON CONTAMINATED EQUIPMENT IF THE INGREDIENTS EXCEED THE TLV. DO NOT SAND, FLAME CUT, BRAZE OR WELD DRY COATING WITHOUT A NIOSH/MSHS APPROVED RESPIRATOR; WELDING FUMES COULD BE HARMFUL.

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

Boiling P

t:=110.C, 230.F

Vapor Density:HEAVIER

VOC Pounds/Gallon:340

VOC Grams/Liter:2.8

Evaporation Rate & Reference:SLOWER THAN ETHER

Appearance and Odor:COLORED LIQUID WITH AROMATIC SOLVENT ODOR

Percent Volatiles by Volume:38%

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

Stability Indicator/Materials to Avoid:YES

MIXING WITH WATER, ALCOHOL, AMINES, STRONG ACIDS AND BASES, OXIDIZING AGENTS AND SURFACE ACTIVE MATERIALS MAY CAUSE REACTION OR GELLING.

Stability Condition t

o Avoid:AVOID HEAT, SPARKS, OPEN FLAMES AND OTHER SOURCES OF IGNITION. COMBINING OR MIXING WITH WATER OR OTHER MATERIALS THAT REACT WITH ISOCYANATES MAY CAUSE GELLATION/ PREMATURE REACTION.

Hazardous Decomposition Products:TOXIC GASES AND VAPORS INCLUDING CARBON MONOXIDE, CARBON DIOXIDE, OXIDES OF NITROGEN, TRACES OF HCN.

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

Waste Disposal Methods:DISPOSE OF AS A HAZARDOUS SOLID WASTE ACCORDING TO RESOURCE CONSERVATION AND RECOVERY ACT REGULATIONS.

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

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 this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.