

EPOXY PAINT

MATERIAL SAFETY DATA SHEET

4.30101

P50029

10-112

PRODUCT NAME: GLOSS HARDENER PART BGWR
PRODUCT CODE: BGWR

HMS CODES: H F R P
2 3 0 G

SECTION I - MANUFACTURER IDENTIFICATION

RECEIVED

MAR 31 2010

MANUFACTURER'S NAME: TORGINOL, INC.

ADDRESS: 710 FOREST AVENUE, SHEBOYGAN FALLS, WI 53085

EMERGENCY PHONE: 1-800-688-4005

INFORMATION PHONE: (920) 467-2471

DATE REVISED : 04/10/06

NAME OF PREPARER : TORGINOL, INC.

SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

HAZARDOUS COMPONENTS	CAS NUMBER	OCCUPATIONAL EXPOSURE LIMITS		VAPOR PRESSURE		WEIGHT PERCENT
		OSHA PEL	ACGIH TLV	mm Hg @ TEMP		
LIGHT AROMATIC NAPHTHA	64742-95-6	100 PPM	25 PPM	10.3	100F	15
PSEUDOCUMENE	95-63-6	none	125 mg/m3	1.0	77F	30
1,3,5 TRIETHYLBENZENE	108-67-8	NONE	TWA 25 ppm 125 mg/m3	2.0	77F	10
N-PROPYLBENZENE	103-65-1			7.2	100F	10
CUMENE	98-82-8	245 mg/m3	245 mg/m3	8.0	77F	< 5.0%
ETHYLENE GLYCOL n-BUTYL ETHER	00111-76-2	25 ppm	25 ppm	0.9	85F	10
TRIETHYLENETETRAMINE	112-24-3			0.0	77F	< 5.0%
C-18 UNSAT'D FATTY ACIDS	68082-29-1			N/A		25

*** No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present. ***

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: 277 to 340 Deg F
VAPOR DENSITY: HEAVIER THAN AIR
COATING V.O.C.: 5.49 LB/GL (657 G/L)
MATERIAL V.O.C.: 5.49 LB/GL (657 G/L)
SOLUBILITY IN WATER: NON SOLUBLE
APPEARANCE AND ODOR: FREE-FLOWING LIQUID

SPECIFIC GRAVITY (H2O=1): 0.9
EVAPORATION RATE: SLOWER THAN ETHER

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 86 Deg F
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 0.9% UPPER: 10.6%

METHOD USED: T.C.C.

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL

SPECIAL FIREFIGHTING PROCEDURES

SELF-CONTAINED BREATHING APPARATUS SHOULD BE AVAILABLE FOR FIRE FIGHTERS. COOL FIRE-EXPOSED CONTAINERS WITH WATER.
SHBACK ALONG VAPOR TRAIL MAY OCCUR. VAPOR MAY EXPLODE IF IGNITED IN AN ENCLOSED AREA.

UNUSUAL FIRE AND EXPLOSION HAZARDS

KEEP PRODUCT AWAY FROM IGNITION SOURCES SUCH AS HEAT, SPARKS, PILOT LIGHTS, STATIC ELECTRICITY AND OPEN FLAMES.

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

ELIMINATE ALL IGNITION SOURCES. KEEP PEOPLE AWAY. STOP LEAK. DIKE AND CONTAIN SPILL, KEEPING PRODUCT OUT OF SEWERS AND WATERCOURSES. RECOVER FREE PRODUCT. ABSORB WITH SUITABLE MATERIAL. VENTILATE CONFINED SPACES.

WASTE DISPOSAL METHOD

OBSERVE PRECAUTIONS FOR VOLATILE FLAMMABLE VAPORS FROM ABSORBED MATERIAL. ASSURE CONFORMITY WITH APPLICABLE GOVERNMENT REGULATIONS. CONSULT AN EXPERT ON DISPOSAL OF RECOVERED MATERIAL AND ENSURE CONFORMITY TO DISPOSAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. DO NOT TRANSFER MATERIAL TO UNMARKED CONTAINERS. MINIMIZE BREATHING VAPORS AND SKIN CONTACT.

OTHER PRECAUTIONS

EMPTY CONTAINERS: CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED. SINCE EMPTY CONTAINERS RETAIN PRODUCT RESIDUES, ALL HAZARD PRECAUTIONS GIVEN IN THE DATA SHEET MUST BE OBSERVED. DISPOSAL OF CONTAINERS: ALL CONTAINERS SHOULD BE DISPOSED OF IN AN ENVIRONMENTALLY SAFE MANNER AND IN ACCORDANCE WITH GOVERNMENT REGULATIONS. DRUMS SHOULD BE EITHER RECONDITIONED BY CERTIFIED FIRMS OR PROPERLY DISPOSED OF BY APPROVED FIRMS.

===== SECTION VIII - CONTROL MEASURES =====

RESPIRATORY PROTECTION

IF CONCENTRATIONS IN AIR EXCEED EXPOSURE GUIDELINES USE NIOSH/MSHA APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE AND DUST FILTER. USE SELF-CONTAINED BREATHING APPARATUS IN CONFINED AREAS.

VENTILATION

USE ONLY WITH VENTILATION SUFFICIENT TO PREVENT EXCEEDING RECOMMENDED EXPOSURE LIMITS AND BUILDUP OF EXPLOSIVE CONCENTRATIONS OF VAPORS IN AIR. USE EXPLOSION-PROOF EQUIPMENT AND GROUND CONTAINERS. NO SMOKING OR OPEN LIGHTS.

PROTECTIVE GLOVES

IMPERMEABLE CHEMICAL HANDLING GLOVES FOR SKIN PROTECTION.

EYE PROTECTION

USE CHEMICAL SAFETY GLASSES WITH SIDE SHIELDS FOR EYE PROTECTION.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

WEAR FULL BODY PROTECTIVE CLOTHING TO PREVENT SKIN CONTACT.

WORK/HYGIENIC PRACTICES

EYE WASHES AND SAFETY SHOWERS IN THE WORKPLACE ARE RECOMMENDED.

===== SECTION IX - DISCLAIMER =====

DISCLAIMER

THE INFORMATION CONTAINED HEREIN IS BASED ON THE DATA AVAILABLE TO US AND IS BELIEVED TO BE CORRECT. TORGINOL, INC. MAKES NO WARRANTY EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THIS DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF. TORGINOL, INC. ASSUMES NO RESPONSIBILITY FOR INJURY, LOSS OR DAMAGE FROM USE OF PRODUCT DESCRIBED.