

MATERIAL SAFETY DATA SHEET

EX1-401

PRODUCT NAME: #9330 OMAHA ORANGE PART A
PRODUCT CODE: 330-A

HMIS CODES: H F R P

2 3 0 0
RECEIVED

===== SECTION I - MANUFACTURER IDENTIFICATION ===== **MAK 3-1-2010** =====

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 : 07/11/07

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		
METHYL PROPYL KETONE	107-87-9	250PPM	200 PPM	705 MG/M3	28.0	81F	5
BIS A/EPICHLORHYDRIN BASED EPOXY RESIN	25036-25-3				N/A		45
LIGHT AROMATIC NAPHTHA	64742-95-6	100 PPM	25 PPM		10.3	100F	5
PSEUDOCUMENE	95-63-6	none	125 mg/m3		1.0	77F	10
1,3,5 TRIETHYLBENZENE	108-67-8	NONE	TWA 25 ppm	125 mg/m3	2.0	77F	< 5.0%
N-PROPYLBENZENE	103-65-1				7.2	100F	< 5.0%
CUMENE	98-82-8	245 mg/m3	245 mg/m3		8.0	77F	< 5.0%
TITANIUM DIOXIDE	13463-67-7				N/A		< 5.0%
ALUMINUM HYDROXIDE	21645-51-2				N/A		< 0.5%
AMORPHOUS SILICA	7631-86-9				N/A		< 0.5%
ZINC OXIDE	1314-13-2				N/A		< 0.5%
1,2-HEXANONE	110-12-3		50 ppm		4.5	68F	< 5.0%
MEDIUM ALIPHATIC SOLVENT	64742-88-7	500 ppm	200 ppm		0.0	70F	< 0.5%
ETHYL BENZENE	100-41-4	100 ppm	434 mg/m3		N/A		< 0.5%
*TOLUENE	108-88-3	100 ppm	50 ppm		24.0	68F	< 0.5%

* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

BOILING RANGE: 165 to 337 Deg F SPECIFIC GRAVITY (H2O=1): 1.1
VAPOR DENSITY: HEAVIER THAN AIR EVAPORATION RATE: SLOWER THAN ETHER
COATING V.O.C. : 3.21 LB/GL (385 G/L)
MATERIAL V.O.C.: 3.21 LB/GL (385 G/L)
SOLUBILITY IN WATER: NON SOLUBLE
APPEARANCE AND ODOR: FREE-FLOWING LIQUID

===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

FLASH POINT: 45 Deg F METHOD USED: TCC
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 0.9% UPPER: 8.2%
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.
FL/ *K 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 =====

EPS 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

WHERE CONCENTRATIONS IN AIR EXCEED EXPOSURE GUIDELINES USE NIOSH/MSHA APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE / 100% 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

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