

**MATERIAL SAFETY DATA SHEET**

**PRODUCT NAME:** CHEM-THANE 2822HS M/C URETHANE INT.  
**PRODUCT CODE:** 2822HS

**HMIS CODES:** H F R P  
 2 3 1 K

===== **SECTION I - MANUFACTURER IDENTIFICATION** =====

**MANUFACTURER'S NAME:** INDMAR COATINGS CORP.  
**ADDRESS:** P.O. BOX 456, WAKEFIELD, VA 23888  
**EMERGENCY PHONE:** 1-757-899-3807  
**DATE REVISED:** 2/97

**INFORMATION PHONE:** 1-757-899-3807  
**NAME OF PREPARER:** M. WHITED

===== **SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION** =====

HAZARDOUS COMPONENTS	CAS NUMBER	OCCUPATIONAL EXPOSURE LIMITS			VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
		OSHA PEL	ACGIH TLV	OTHER		
*SUPER HIGH FLASH NAPHTHA	64742-95-6	100 PPM	25 PPM		2.7 68F	15
*AROMATIC POLYISOCYANATE PREPOLYMER	MIXTURE	.02 PPM@	.005 PPM@		1.4 77F	40
*METHYLAMYLKETONE	110-43-0	50 PPM				5

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

\*,\*\*,#,##,##\*,#@,@@, BEHIND THE TLV & PEL VALUES INDICATE SPECIAL HEALTH AND FIRE HAZARD NOTATIONS TO BE FOUND IN THE BODY OF THE MSDS. READ ALL SECTIONS CAREFULLY AND CHECK FOR NOTATIONS.

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

**BOILING POINT:** 280°F. **SPECIFIC GRAVITY (H2O=1):** 1.56  
**VAPOR DENSITY:** HEAVIER THAN AIR **EVAPORATION RATE:** SLOWER THAN ETHER  
**COATING V.O.C.:** 2.80 LB/GAL (336 G/L)  
**MATERIAL V.O.C.:** 2.80 LB/GAL (336 G/L)  
**SOLUBILITY IN WATER:** NOT SOLUBLE IN WATER  
**APPEARANCE AND ODOR:** COLORED VISCOUS LIQUID WITH AROMATIC SOLVENT ODOR

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

**FLASH POINT:** 114 Deg F **METHOD USED:** TCC  
**FLAMMABLE LIMITS IN AIR BY VOLUME -** **LOWER:** 0.5% **UPPER:** 6.0%

**EXTINGUISHING MEDIA:** FOAM, CO2, DRY CHEMICAL, WATER FOG

**SPECIAL FIREFIGHTING PROCEDURES**

WEAR SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACE PIECE OPERATED IN PRESSURE-DEMAND OR OTHER POSITIVE PRESSURE MODE WHEN FIGHTING FIRES.

**UNUSUAL FIRE AND EXPLOSION HAZARDS**

VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG THE GROUND OR BE MOVED BY VENTILATION AND IGNITED BY HEAT, PILOT LIGHTS, OTHER FLAMES AND IGNITION SOURCES AT LOCATIONS DISTANT FROM MATERIAL HANDLING PORT.