



AMERICAN HYDROTECH, INC.
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VM PRECOAT ADHESIVE

SECTION I

CHEMICAL NAME & SYNONYMS: Hydrocarbon Mixture
CHEMICAL FAMILY: Aromatic / Aliphatic Hydrocarbon
TRADE NAME & SYNONYMS: VM Pre-coat Adhesive
FORMULA: Mixture

SECTION II – HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>C.A.S. #</u>	<u>%</u>	<u>TLV EXPOSURE LIMITS</u>
Toluene	108-88-3	32.3	100 ppm
Hexane	110-54-3	15.2	50 ppm
Aliphatic Petroleum Distillates	64742-89-8	15.8	N.D.

SECTION III – PHYSICAL DATA

BOILING POINT (°F):	105	PERCENT VOLATILE BY VOLUME:	63.3
VAPOR PRESSURE (mmHg @ 20°C):	152		
VAPOR DENSITY (AIR=1):	3.5	EVAPORATION RATE (Ether = 1)	4.5
SPECIFIC GRAVITY (H ₂ O=1):	0.9		

SOLUBILITY IN WATER: Nil
APPEARANCE AND ODOR: Red Liquid, Aromatic odor

SECTION IV – FIRE AND EXPLOSION HAZARDS

FLASH POINT (METHOD USED): 17° F (T.O.C.)
FLAMMABLE LIMITS: LEL 1.1; UEL 7.0

EXTINGUISHING MEDIA: CO₂, Dry chemical, Foam
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus with full face-piece and protective clothing. Keep all persons without proper respiratory protection away from area.

UNUSUAL FIRE/EXPLOSION HAZARDS: Vapor is heavier than air. Keep away from sparks, flames, electric motors, and static discharge. NO SMOKING.

SECTION V – HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE(S): N. Av.

SIGNS/SYMPTOMS/EFFECTS OF OVEREXPOSURE: Dermatitis, de-fatting and moderate irritation to the skin. Vapors/fumes can cause nasal & respiratory irritation, dizziness, weakness, fatigue, nausea, headache, asphyxiation and unconsciousness.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Rinse off with water for 15 minutes. Seek medical attention.

SKIN: Wash area of contact thoroughly with soap and water.

INHALATION: Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen

INGESTION: DO Not induce vomiting. Keep person warm, quiet and get medical attention.

SECTION VI – REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: None.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: None

INCOMPABILITY (MATERIALS TO AVOID): Strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂

SECTION VII – SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Eliminate all ignition sources. Stay up-wind. Keep out of low areas. Keep all persons not wearing protective equipment away from area. Liquid may be taken up with absorbent material.

WASTE DISPOSAL METHODS:

Allow all volatile portions to evaporate completely. Dispose of non-volatile absorbent material in accordance with state and federal regulations.

SECTION VIII – SPECIAL PROTECTION INFORMATION

VENTILATION (TYPE): Local and explosion proof mechanical exhaust.

RESPIRATORY PROTECTION: NIOSH/MSHA jointly approved air supplied respirator is advised in absence of proper environmental controls

PROTECTIVE CLOTHING & EQUIPMENT: Splash resistant goggles and resistant gloves recommended.

SECTION IX – SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Never use welding or cutting torch on or near containers (even empty). Store in dry ventilated area away from heat. Keep away from ignition sources. Do Not reuse containers. Store below 100° F. Metal containers should be grounded or bonded during transport..

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