



AMERICAN HYDROTECH, INC.
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Chicago, Illinois 60611
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MM 6125 CONCRETE
SURFACE CONDITIONER

SECTION I

CHEMICAL NAME & SYNONYMS: N. Av.
CHEMICAL FAMILY: Petroleum derived Hydrocarbons
TRADE NAME & SYNONYMS: Cutback Asphalt
FORMULA: N. Av.

SECTION II – HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>C.A.S. #</u>	<u>%</u>	<u>TLV EXPOSURE LIMITS (NIOSH)</u>
Asphalt	8052-42-4	25%-50%	5 mg/m ³ (asphalt fume)
Naptha Solvent	64742-48-9	60%-100%	100 ppm (petroleum distillate)

SECTION III – PHYSICAL DATA

BOILING POINT (°F): 320°F PERCENT VOLATILE BY VOLUME:
VAPOR PRESSURE (mm Hg): 10
kpa@20°C
VAPOR DENSITY (AIR=1): 4% EVAPORATION RATE (BUTYL ACETATE=1): N. Av.
SPECIFIC GRAVITY (H₂O=1): 0.9-1
kg/l@15°C

SOLUBILITY IN WATER: Insoluble
APPEARANCE AND ODOR: Black liquid. Hydrocarbon odor.

SECTION IV – FIRE AND EXPLOSION HAZARDS

FLASH POINT (METHOD USED): 10°C PMCC
UPPER FLAMMABLE LIMIT: Unknown
LOWER FLAMMABLE LIMIT: Unknown
EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, water spray
SPECIAL FIRE FIGHTING PROCEDURES: Use of water streams may spread the fire and cause frothing.

UNUSUAL FIRE/EXPLOSION HAZARDS: Eliminate sources of ignition, (i.e. flames/sparks) may be sensitive to static discharge.

SECTION V – HEALTH HAZARD DATA

EXPOSURE LIMIT VALUE(S): TWAEV Benzene (0.28% of BPaint) 1 ppm ; Xylene (2.18% of BPaint) 100 ppm

SIGNS/SYMPTOMS/EFFECTS OF OVEREXPOSURE: Fumes cause transient irritation to the eyes. Prolonged or repeated contact may cause dermatitis. Hot product may cause burns. Solvent vapors may cause moderate irritation to respiratory tract and may effect the central nervous system..

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush with water. Seek medical attention.

SKIN: For burns; Flush with cold water. Treat as a burn.

INHALATION: Remove from exposure to vapors. Administer artificial respiration or oxygen, if necessary.

INGESTION: Seek medical attention.

SECTION VI – REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: None

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPABILITY (MATERIALS TO AVOID): Strong oxidizing agents, water

HAZARDOUS DECOMPOSITION PRODUCTS: CO, SO_x, NO_x, sulfur compounds

SECTION VII – SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Eliminate sources of ignition and contain leak/spill. Scrape up into containers or pump back to storage.

WASTE DISPOSAL METHODS:

Liquid material is designated as hazardous waste until all solvents have evaporated. Dispose of in accordance with state and federal regulations..

SECTION VIII – SPECIAL PROTECTION INFORMATION

VENTILATION (TYPE): Local exhaust.

RESPIRATORY PROTECTION: Usually none.

PROTECTIVE CLOTHING & EQUIPMENT: Goggles/face shield, rubberized gloves, leather boots, long sleeves.

SECTION IX – SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Product is flammable! Store away from excessive heat and sources of ignition.

Information presented herein has been compiled from sources considered to be dependable and current, and is accurate and reliable to the best of our knowledge, but is not guaranteed to be so. It is the user's responsibility to determine for himself the suitability of this information for his safe use of this product, and to adopt such proper safety precautions as may be necessary to provide adequate worker and plant protection.