COMPOSITION/ INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS | CAS NO.   | % COMPOSITION | OSHA PEL | AGGIH TLV |
------------------------|----------|---------------|----------|-----------|
VM & P Naptha           | 64742-89-8 | 50 - 60       | 300 ppm  | 300 ppm   |
Toluene                 | 108-88-3  | < 0.5         | 100 ppm  | 100 ppm   |
Xylene                  | 1330-20-7 | 6 - 7         | 100 ppm  | 100 ppm   |
Ethyl Benzene           | 100-41-4  | 10 - 15       | 100 ppm  | 100 ppm   |
Hydrocarbon Resin       | 62258-49-5 | 7 - 10        | NE       | NE        |
Butyl Rubber            | 9010-85-9 | 6 - 7.5       | NE       | NE        |

HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYE CONTACT: Can cause severe eye irritation, redness, tearing and blurred vision.

SKIN CONTACT: Prolonged an repeated contact can cause moderate irritation, defatting and dermatitis.

INHALATION: Excessive inhalation of vapors can cause nausea, respiratory irritation, central nervous system effects, including dizziness, weakness, fatigue, nausea, headache, and possible unconsciousness and even death.

INGESTION: Swallowing can cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Aspiration of material into lungs can cause chemical pneumitis, which is fatal.

CHRONIC EFFECTS: Overexposure in laboratory animals has been found to cause the following effects: Liver abnormalities, Kidney damage, Lung damage, and Spleen damage. Overexposure of this material has been suggested as a cause of Liver abnormalities in humans.

FIRST AID MEASURES

EYES: Flush eyes with large amounts of water, lifting both the upper and lower lids. SEEK MEDICAL ATTENTION IMMEDIATELY.

SKIN: Wash exposed area with waterless hand cleaner, soap and water, or a mild detergent. Do not use solvents on skin as they promote absorption of this material. Remove contaminated clothing. Launder contaminated clothing thoroughly before reuse. The area should be examined by a medical person if irritation or pain persists after washing.

INHALATION: Remove from exposed area to fresh air immediately. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm, quiet, and SEEK MEDICAL ATTENTION IMMEDIATELY.

INGESTION: Do not induce vomiting. Keep warm, quiet, and SEEK MEDICAL ATTENTION IMMEDIATELY. Aspiration of this material into lungs due to vomiting can cause chemical pneumitis, which can be fatal. Give oxygen if respiratory is shallow.
FIRE FIGHTING MEASURES

FLASH POINT: 36 °F  
METHOD USED: TCC

FLAMMABLE LIMITS IN AIR, % BY VOLUME:  
UEL UPPER: 7.1  
LEL LOWER: 1.0

FLAMMABILITY CLASSIFICATION:  
OSHA: 1B  
DOT: Flammable Liquid

Extinguishing Media: Dry chemical, carbon dioxide, foam

Unusual Fire and Explosion Hazards: This product is flammable. Store away from sources of heat and open flames. Vapor accumulation will flash or explode if ignited by spark or flame. Do not mix with strong oxidants. Use non-sparking tools in confined spaces.

Special Fire fighting Procedures: DO NOT USE WATER, which may spread fire. Water may be used to cool exposed containers to prevent pressure build up. Respiratory protection is required for fire fighting personnel.

DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS: fumes, smoke, carbon monoxide, carbon dioxide, hydrocarbon vapors, hydrogen chloride, phosgene, chlorine, and various complex hydrocarbons during combustion.

ACCIDENTAL RELEASE MEASURES

Procedures: Eliminate all ignition sources such as flames, flares, including pilot lights and electrical sparks. Persons not wearing protective equipment should be excluded from the area of spill until clean up has been completed. Stop spill at source, dike area of spill to prevent spreading. Pump liquids into salvage tank. Remaining material should be taken up using sand, clay, earth, floor absorbent, or other absorbent material and shoveled into containers.

Waste Disposal: Dispose of in accordance with local, state and federal regulations. Before attempting clean up, refer to hazardous information listed on this sheet.

STORAGE AND HANDLING

Precautions to be taken in handling and storage. Keep away from heat, sparks, and open flames. Keep containers closed when not in use. Use adequate ventilation. Avoid prolonged or repeated inhalation of vapor and skin contact. Store in accordance with NFDA, State and local regulation. Use non-sparking type tools in confined areas.
EXPOSURE CONTROLS/ PERSONAL PROTECTION

Respiratory Protection: Avoid breathing of vapor or spray mist. Use a NIOSH/OSHA approved respirator as required to prevent overexposure. In accordance with 29 CFR 1910.134, use either atmosphere supplied respiratory or an air purifying respirator for organic vapors.

Eye Protection: Safety goggles or glasses with side shields.

Protective Gloves/ Clothing: Wear chemical gloves or other protective clothing as required to minimize skin contact.

Ventilation: Provide local exhaust ventilation in volume and pattern to keep TLV of all hazardous ingredients below acceptable limit. (Use of explosion-proof ventilation as requires to control vapor concentrations.)

PHYSICAL AND CHEMICAL PROPERTIES

SPECIFIC GRAVITY (H2O=1): 0.80
BOILING POINT: 200 -216 °F
VOLATILE (% VOLUME): 88.00 %
MELT / FREEZE PT.: N/A
SOLUBILITY IN WATER: Nil
VAPOUR DENSITY (Air = 1): <1
EVAPORATION RATE (BuAc=1): >1
VAPOUR PRESSURE (mm of Mercury): 23 @ 25 °C
PERCENT VOLATILE BY VOLUME(%): 77.3
APPEARANCE / ODOR: Black liquid with petroleum solvent odor.

STABILITY AND REACTIVITY

STABILITY: Stable. Hazardous polymerization will not occur.

CONDITIONS TO AVOID: Stored away from heat and open flames.

MATERIALS TO AVOID: Material is not compatible with strong oxidizers, strong acids, or bases.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Hazardous decomposition produce fumes, smoke, carbon monoxide, carbon dioxide, hydrocarbon vapors, hydrogen chloride, phosgene, chlorine, and various complex hydrocarbons during combustion.

TOXICOLOGICAL INFORMATION

Please refer to Section 3 for available information on potential health effects.

ECOLOGICAL INFORMATION

No specific ecological data are available for this product. Please refer to section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.
DISPOSAL CONSIDERATIONS

Please refer to Sections 5, 6, and 15 for disposal and regulatory information.

TRANSPORT INFORMATION DEPARTMENT OF TRANSPORTATION (DOT)

DOT Shipping Description: FLAMMABLE LIQUID, CLASS 3, UN1133, GROUP II

REGULATORY INFORMATION

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372.

<table>
<thead>
<tr>
<th>CAS</th>
<th>Chemical Name</th>
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</tr>
</thead>
<tbody>
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This information must be included in all MSDS that are copied and distributed for this material.

OTHER INFORMATION

HAZARD RATING SYSTEM:

Hazardous Materials Identification System (HMIS)

<table>
<thead>
<tr>
<th>H.M.I.S</th>
<th>KEY</th>
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<tr>
<td>FIRE</td>
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</tr>
<tr>
<td>REACTIVITY</td>
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