SECTION 1: PRODUCT IDENTIFICATION

Product Name: Vapor Shield Solvent Based Primer
Chemical Name / Synonym: Solvent Based Primer
Chemical Family: Mixture
24-Hour Emergency Phone: (800) 424-9300 CHEMTREC
Manufacturer’s Name: Firestone Building Products Company, LLC
Manufacturer’s Address: 250 West 96th Street, Indianapolis, IN 46260
NFPA Hazard Rating: Health 1, Flammability 3, Reactivity 0
HMIS Hazard Rating: Health 1, Flammability 3, Reactivity 0

SECTION 2: CHEMICAL COMPOSITION

<table>
<thead>
<tr>
<th>Chemical Name:</th>
<th>Common Name:</th>
<th>CAS #: % (by wt)</th>
<th>Exposure Limits:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Naphtha (may contain n-Hexane &amp; n-Heptane)</td>
<td>Naphtha</td>
<td>64742</td>
<td>30-60</td>
</tr>
<tr>
<td>n-Hexane</td>
<td>Hexane</td>
<td>110-54-3 (included in naphtha)</td>
<td>PEL 500 ppm TLV 50 ppm (skin)</td>
</tr>
<tr>
<td>n-Heptane</td>
<td>Heptane</td>
<td>142-82-5 (included in naphtha)</td>
<td>PEL 500 ppm TLV 400 ppm ACGIH STEL 500 ppm</td>
</tr>
<tr>
<td>Dimethyl Ketone</td>
<td>Acetone</td>
<td>67-64-1</td>
<td>15-40</td>
</tr>
<tr>
<td>Nonhazardous as per 29 CFR 1910.1200.</td>
<td>None</td>
<td>None</td>
<td>&lt;55</td>
</tr>
</tbody>
</table>

SECTION 3: HAZARD IDENTIFICATION

Primary Route of Exposure: Inhalation, skin absorption
Signs and Symptoms of Exposure:
- Eye contact may cause moderate eye irritation, redness, tearing and blurred vision.
- Prolonged or repeated skin contact may cause irritation, dermatitis and drying of the skin. Absorption through intact skin may contribute to an individual's overall exposure.
- Inhalation may cause respiratory system irritation and central nervous system depression (narcosis) characterized by headache, dizziness, muscular weakness and fatigue. May cause unconsciousness if exposure is excessive.
- Acetone LD50 (oral, rat) >5000 mg/kg
- Acetone LC50 (inhalation, rat) 50 mg/l/4 hr
GenFlex Roofing Systems  
Material Safety Data Sheet  

Medical Conditions Aggravated by Exposure:  
Exposure to this product may aggravate pre-existing skin and respiratory diseases. Individuals with neurological diseases should avoid exposure to Hexane.

Chronic Effects:  
May affect the nervous system.

Carcinogenicity:  
None

SECTION 4: FIRST AID MEASURES

First Aid Procedures:  
If this material contacts the eyes, hold eyelids open and flush immediately with a gentle stream of water for at least 15 minutes, preferably at an eyewash fountain. Get medical attention. In case of skin contact, wash affected area with soap and water. In case of inhalation, remove to fresh uncontaminated air. Administer oxygen if breathing is labored. Give artificial respiration if breathing has stopped. Get medical attention immediately if oxygen or artificial respiration is administered. In case of accidental ingestion, do not induce vomiting. Get medical attention and advise the physician of the nature of the material.

SECTION 5: FIRE FIGHTING PROCEDURES

Suitable Extinguishing Media:  
Foam, carbon dioxide, dry chemical, and vaporizing liquid type extinguishing agents may all be suitable for extinguishing fires involving this product. Water may be ineffective, but should be used to keep fire-exposed containers cool. If a leak or spill has ignited, use water to disperse the vapors and to protect men attempting to stop a leak. Water spray may be used to flush spills away from exposures.

Hazardous Combustion Products:  
Possible decomposition products that may occur during a fire include oxides of carbon and nitrogen, aldehydes, ketone, acrolein, halogenated compounds, methanol, formaldehyde, acetic acid, hydrogen peroxide, methane, and ethylene oxide.

Recommended Fire Fighting Procedures:  
Wear impermeable protective clothing and self-contained breathing apparatus. Toxic fumes and vapors may be evolved. Minimize the breathing of gases, vapors, fumes or decomposition products. Use supplied-air breathing equipment for enclosed or confined spaces or as otherwise needed.

Unusual Fire and Explosion Hazards:  
This product is volatile and gives off invisible vapors. Either the liquid or vapor may settle in low areas or travel some distance along the ground or surface to ignition sources where they may ignite or explode.
SECTION 6: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material is Released or Spilled:
Shut off and eliminate all ignition sources. Keep people away. Absorb free product onto sand, earth or other suitable absorbent material. Dispose of material in accordance to local governmental regulations. Minimize breathing vapors. Minimize skin contact. Ventilate confined spaces. Open all windows and doors. Keep product clear of sewers, water, or extensive land areas. Continue to observe precautions for volatile, flammable vapors from absorbed material.

Precautions to Be Taken in Handling and Storing:
Keep away from heat, sparks, and open flames. Keep containers closed. Vapors of this material are heavier than air and will collect in low or confined areas. Containers, even those that have been emptied, can contain explosive vapors. Do not cut, drill, grind, weld or perform similar operations near containers. Static electricity may accumulate and create a fire hazard. Ground fixed equipment. Bond and ground all transfer containers and equipment.

SECTION 7: EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation: Use with ventilation sufficient to prevent exceeding recommended exposure limits or build up of explosive concentrations of vapor in air.

Respiratory Protection: If personal exposure concentrations cannot be maintained below the appropriate exposure limits using engineering controls, a NIOSH approved respirator may be appropriate based on employer-determined exposure levels.

Eye Protection: The use of safety glasses with side shields when pouring or applying this product may be warranted.

Skin Protection: The use of polyvinyl alcohol, nitrile rubber, or neoprene gloves when handling this product to avoid prolonged skin contact may be warranted.

Other: Not required.

Work / Hygienic Practices: Wash exposed skin prior to eating, drinking or smoking and at the end of each shift. Wash contaminated clothing prior to reuse.

SECTION 8: PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance and Odor:</td>
<td>Red liquid with strong solvent odor.</td>
</tr>
<tr>
<td>Flash Point:</td>
<td>-24°F</td>
</tr>
<tr>
<td>Method Used:</td>
<td>ASTM D93</td>
</tr>
<tr>
<td>Evaporation Rate:</td>
<td>Unknown (Ether=1)</td>
</tr>
<tr>
<td>pH (undiluted product):</td>
<td>Unknown</td>
</tr>
<tr>
<td>Solubility in Water:</td>
<td>Insoluble</td>
</tr>
<tr>
<td>Vapor Density:</td>
<td>&gt;1 (Air=1)</td>
</tr>
<tr>
<td>Vapor Pressure:</td>
<td>Unknown</td>
</tr>
<tr>
<td>Lower Explosive Limit:</td>
<td>Unknown</td>
</tr>
<tr>
<td>Upper Explosive Limit:</td>
<td>Unknown</td>
</tr>
<tr>
<td>Boiling Point:</td>
<td>Unknown</td>
</tr>
<tr>
<td>Melting Point:</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Specific Gravity:</td>
<td>0.77 (Water=1)</td>
</tr>
</tbody>
</table>
SECTION 9: STABILITY AND REACTIVITY

Thermal Stability: Stable
Hazardous Polymerization: Will not occur
Conditions to Avoid: Avoid flames, sparks or other sources of ignition, prolonged sunlight. Incompatible with strong, strong reducing agents, basis, halogenated compounds, oxidizing agents.

SECTION 10: TRANSPORTATION

Regulatory Agency: DOT
Proper Shipping Name: Adhesives, containing a flammable solvent
Hazard Classification: 3
Identification Number: UN1133
Packing Group: II
Labels Required: Flammable

SECTION 11: MISCELLANEOUS INFORMATION

Additional Comments: None
Date of Previous MSDS: Not applicable. New product.
Changes Since Previous MSDS: Not applicable
Telephone Number for Additional Information: (317) 575-7190

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