SECTION I: PRODUCT IDENTIFICATION

Product Name: Coating 932
Chemical Family: Asphalt emulsion
Material Usage: Coating for metal

EMERGENCY OVERVIEW: Water-based product. Alkaline liquid; may be irritating to eyes and skin. Refer to Section 3 for health effects and to Section 5 for fire hazard data.

SECTION II: COMPOSITION

<table>
<thead>
<tr>
<th>Component</th>
<th>%Wt</th>
<th>Recommended Exposure Limit (TWA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum Asphalt</td>
<td>48-52</td>
<td>OSHA PEL: 5 mg/m³</td>
</tr>
<tr>
<td>CAS #852-42-4</td>
<td></td>
<td>ACGIH TLV: 5 mg/m³</td>
</tr>
<tr>
<td>Non-Hazardous Surfactant Proprietary</td>
<td>&lt;4</td>
<td>None Established</td>
</tr>
<tr>
<td>Clay, Bentonite*</td>
<td>~8</td>
<td>None respirable</td>
</tr>
<tr>
<td>CAS #1303-78-9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oil Soluble Calcium Sulfonates</td>
<td>4-10</td>
<td>OSHA PEL: 5 mg/m³</td>
</tr>
<tr>
<td>CAS #1 Trade Secret</td>
<td></td>
<td>ACGIH TLV: 5 mg/m³</td>
</tr>
<tr>
<td>Water</td>
<td>40-50</td>
<td>None Listed</td>
</tr>
<tr>
<td>CAS #7731-18-5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SECTION III: ACUTE EFFECTS OF OVEREXPOSURE

EYE: Conjunctivitis, irritation, and tearing.
SKIN: Prolonged contact temperatures may result in irritation or inflammation. Allergic skin reactions may occur on occasion and the skin may become sensitized.
INGESTION: May cause nausea, vomiting.

SECTION IV: CHRONIC EFFECTS OF OVEREXPOSURE

None known.

SECTION V: OTHER HEALTH EFFECTS

Avoid prolonged and repeated contact with skin.

SECTION VI: TOXICOLOGY

Acute Oral LD50: No Data Available
Acute Dermal LD50: No Data Available
Acute Inhalation LC50: No Data Available
Carcinogenicity: No Data Available
Mutagenicity: No Data Available

SECTION VII: FIRST AID AND EMERGENCY PROCEDURES

EYE: Flush with large amounts of water immediately. Eye lids should be held away from the eyeball to ensure thorough rinsing. Get medical attention if irritation persists.
SKIN: Prolonged contact may cause slight irritation. Wash with soap and water. Get medical attention if irritation persists.
INGESTION: May cause nausea, vomiting. Contact a physician immediately.

SECTION VIII: PHYSICAL DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Brown thixotropic gel</td>
</tr>
<tr>
<td>Odor</td>
<td>Mild or Paint Petroleum</td>
</tr>
<tr>
<td>Initial Boiling Point (°F)</td>
<td>200-220°F</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg)</td>
<td>&gt;760@ 212°F</td>
</tr>
<tr>
<td>Vapor Density (Air = 1)</td>
<td>Disposable</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>95-105</td>
</tr>
<tr>
<td>Specific Gravity (H₂O = 1)</td>
<td>48-53</td>
</tr>
<tr>
<td>Viscosity (Ether = 1)</td>
<td>70,000 - 110,000 cps. (77°F) @ 5 RPM (Typical)</td>
</tr>
<tr>
<td>Auto Ignition Temperature</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>pH</td>
<td>0 lb/gal</td>
</tr>
</tbody>
</table>

Coating 932 [1207] 9/14/11
SECTION IX: FIRE AND EXPLOSION DATA

Flash Point (Method Used) NA (Water based)
Flammable Explosion Limits NA
Fire extinguishing media: NA
Special Fire Hazards and Fire Fighting Procedures: NA

SECTION X: REACTIVITY

Stable: Yes
Unstable: N/A

Condition to Avoid Open flame and flame inhalation

Incompatibility Avoid strong oxidizers.

Hazardous Polymerization Will not occur

Hazardous Decomposition Products Carbon Monoxide, Carbon Dioxide

SECTION XI: SPILL, LEAK AND DISPOSAL PROCEDURES

Dike spill area, recover free liquid, and return to container. Add absorbent to spill area.

SECTION XII: WASTE DISPOSAL METHOD

This substance, when discarded or disposed of, is not specifically listed as a hazardous waste in federal regulations; however it could be hazardous if it is considered toxic, corrosive, ignitable, or reactive according to federal definitions (40 CFR 261). Additionally, it could be designated as hazardous according to state regulations. This substance could also become a hazardous waste if it is mixed or comes in contact with a hazardous waste. If such contact or mixing may have occurred, check 40 CFR 261 to determine whether it is a hazardous waste. If it is considered hazardous, regulations 40 CFR 262, 263 and 264 apply. The transportation, storage, treatment, and disposal of this waste material must be conducted in compliance with all applicable federal, state, and local regulations.

SECTION XIII: DOT TRANSPORTATION

According to DOT regulations, this product is not considered hazardous. Care should be taken to protect from freezing.

SECTION XIV: PROTECTIVE EQUIPMENT

SKIN: Wear gloves to prevent irritation.
EYES: Wear goggles to prevent irritation.
OTHER: Long sleeved shirt and pants preferred.

NOTE: Personal protective equipment shown in section 14 is based upon general information as to normal use and conditions. Where special or unusual uses or conditions exist, it is suggested that the expert assistance of an industrial hygienist or other qualified professional be sought.
**SECTION 1: PRODUCT IDENTIFICATION**

- **Product Name:** V-DAMP® 3680
- **Chemical Family:** Water, Additive Blend
- **Material Usage:** Sound Damping Compound

**EMERGENCY OVERVIEW:** Water-based product. Alkaline liquid; may be irritating to eyes and skin. Refer to Section 3 for health effects and to Section 5 for fire hazard data.

**SECTION 2: HAZARDOUS INGREDIENTS**

<table>
<thead>
<tr>
<th>Component</th>
<th>Wt%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Carbonate CAS #1317-65-3</td>
<td>10-15</td>
</tr>
<tr>
<td>Alumina CAS #471-34-1</td>
<td>5-10</td>
</tr>
<tr>
<td>Hydrous Aluminum Silicate CAS #1332-58-7</td>
<td>3-7</td>
</tr>
<tr>
<td>Mica CAS #12003-26-2</td>
<td>17-23</td>
</tr>
<tr>
<td>Cellulose CAS #9004-34-6</td>
<td>3-8</td>
</tr>
<tr>
<td>Butyl Diallyl Phthalate CAS #88-68-7</td>
<td>2-4</td>
</tr>
</tbody>
</table>

**SECTION 3: HEALTH HAZARD INFORMATION**

**Primary Routes of Entry:** Skin absorption, inhalation.

**Acute Effects:** May cause severe eye irritation and reversible skin irritation. Prolonged skin exposure may cause dermatitis or allergic contact dermatitis. Breathing mists may cause pulmonary irritation or discomfort. Excessive inhalation may produce dizziness, nausea, headache, and lassitude.

**Chronic Effects:** Not Determined

**Carcinogenicity:** Calcium Carbonate, Hydrous Aluminum Silicate, and Mica may contain less than 0.1% of Silica Crystaline Quartz (CAS #14808-60-7). IARC Monographs on the evaluation of the carcinogenic risk of chemicals to humans (Volume 42, 1987) concludes that there is "limited evidence" of the carcinogenicity of crystalline silica to humans. IARC classification 2A.

**Benzyl Phthalate:** Female rats fed benzyl phthalate in long-term (2 year) studies conducted by the National Toxicology Program (NTP) were reported to show an increased frequency of intermolecular cell deletion, a common spontaneous disease in the test strain of rats. For this reason, NTP concluded that benzyl phthalate was "probably carcinogenic" for these rats. Male rats in these studies were maintained for 6 months due to excessive treatment-related deaths. Mice fed butyl benzyl phthalate (2 years) had no increase in tumors. Benzyl benzyl phthalate has produced no genetic changes in standard tests using animal, bacterial, and yeast cells.

**Pre-Existing Medical Conditions Aggravated by Exposure:** Exposure may aggravate pre-existing respiratory or skin problems.

**SECTION 4: FIRST AID PROCEDURES**

**Inhalation:** Move victim to fresh air and call emergency medical care. If not breathing, give artificial respiration; if breathing is difficult, give oxygen.

**Eyes:** In case of contact with material, immediately flush eyes with running water for at least 15 minutes. Seek immediate medical attention.

**Skin:** Wash skin with soap and water. Remove and isolates all contaminated clothing and shoes at the site.

**Ingestion:** DO NOT INDUCE VOMITING. Consult a physician. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs.

**SECTION 5: FIRE AND EXPLOSION HAZARD DATA**

**Flash Point:** Not Applicable (Water Based Fluid)

**Explosive Limits:** LEL = Not Determined UEL = Not Determined

**EXTINGUISHING MEDIA:**

- Small Fires: Dry chemical, CO2, water, spray, or regular foam.
- Large Fires: Water spray, fog, or regular foam. Move container from fire area if you can do it without risk. Apply cooling water to sides of containers that are exposed to flames until well after fire is out.

**Special Firefighting Protection/Emergency Action:** Fire may produce irritating or poisonous gases. Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters' protective clothing will provide limited protection.

**Unusual Fire/Explosion Hazards:** None

**Products of Combustion:** Carbon dioxide, carbon dioxide, miscellaneous hydrocarbons.

**SECTION 6: SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES**

**Steps to be Taken in Case Material is Released or Spilled:** Shut off ignition sources; no flares, smoking, or flames in hazard area. Stop leak if you can do it without risk.

**Small Spills:** Take up with sand or other non-combustible absorbent material and place into containers for later disposal.

**Large Spills:** Dike area around liquid spill for later disposal.
SECTION 7: SAFE HANDLING INFORMATION

Precautions To Be Taken In Handling/Storage: Store in cool, well-ventilated area. Keep away from flames, sparks or hot surfaces. Never use a torch to cut or weld on or near container. Empty containers can contain explosive vapors. Other Precautions: Never wear contaminated clothing. Launder or dry clean before wearing. Discard oil-soaked shoes. Wash thoroughly with soap and water (waterless hand cleaner may be helpful in removing residues) after use and before smoking or eating. Avoid excessive skin contact.

SECTION 8: EXPOSURE CONTROLS

Respiratory Protection: NIOSH-approved respirator for organic vapor and mist to control exposure where ventilation is inadequate.
Ventilation: General and local exhaust.
Personal Protective Equipment: Protective Gloves: Impermeable gloves (Vitatex, PVOH, etc.)
Eye Protection: Safety glasses with side shields or chemical goggles.
Other Protective Clothing or Equipment: If splashing is anticipated, wear rubber apron and boots or other protective equipment to minimize contact.

SECTION 9: REACTIVITY HAZARD DATA

Stability: Stable
Incompatibility: Strong acids, oxidizing agents.
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, miscellaneous hydrocarbons.
Hazardous Polymerization: Will not occur.

SECTION 10: PHYSICAL AND CHEMICAL PROPERTIES

Color:
Appearance:
Odor:
Boiling Point (initial):
Evaporation Rate (water = 1):
Vapor Pressure (mm Hg @ 20°C):
Vapor Density (air = 1):
Solubility in Water:
Specific Gravity:
pH:
Percent Volatile by Volume:

SECTION 11: DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Dispose of in accordance with state, local and federal regulations. Materials may become a hazardous waste through use. If permitted, incineration may be practiced. Consider recycling solvent.

SECTION 12: REGULATORY INFORMATION

Volatile Organic Content: (Calculated Volatility)
VOC per gallon: 0 lb/gal
EPA Hazardous Waste Number(s) (40 CFR Part 261):
Not Applicable
EPA Hazard Category (40 CFR Part 370):
DELAYED (CHRONIC)

SARA TITLE III:
This product contains the following TOXIC CHEMICALS subject to the Reporting Requirements of Sec. 311 of Title III of the Superfund Amendments and Reauthorization Act of 1986, and of 40 CFR Part 372:

<table>
<thead>
<tr>
<th>Chemical</th>
<th>CAS No.</th>
<th>Wt%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butyl Benzyl Phthalate</td>
<td>85-66-7</td>
<td>2-4</td>
</tr>
</tbody>
</table>

This product contains the following EXTREMELY HAZARDOUS SUBSTANCE(s) subject to Emergency Planning Requirements under Sec. 301-303 (40 CFR Parts 300 and 355) and Emergency Release Notification Requirements under Sec. 304:

<table>
<thead>
<tr>
<th>Chemical</th>
<th>CAS No.</th>
<th>Wt%</th>
<th>RO/TO Lbs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butyl Benzyl Phthalate</td>
<td>85-66-7</td>
<td>2-4</td>
<td>100</td>
</tr>
</tbody>
</table>

Note:

This product contains the following (CERCLA LIST) HAZARDOUS SUBSTANCES subject to Emergency Release Notification Requirements under Sec. 304 (40 CFR Part 302):

<table>
<thead>
<tr>
<th>Chemical</th>
<th>CAS No.</th>
<th>Wt%</th>
<th>Final RO Lbs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butyl Benzyl Phthalate</td>
<td>85-66-7</td>
<td>2-4</td>
<td>100</td>
</tr>
</tbody>
</table>

CALIFORNIA PROPOSITION 65:
This product contains chemicals that are identified by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 ("Proposition 65") as either a carcinogenic or reproductive hazard:

Contains: Butyl Benzyl Phthalate

85-66-7
3-4%

Although the information contained therein is believed to be reliable, it is furnished without warranty of any kind. This information is not intended to be all-inclusive as to the manner and conditions of use, handling and storage.