### SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. **Product identifier**
- **Product name**: 838 Supreme
- **Product form**: Mixture
- **Product code**: 002 838 Supreme 062015
- **Other means of identification**: Kraton SEBS Elastomeric Coating

1.2. **Relevant identified uses of the substance or mixture and uses advised against**
- **Use of the substance/mixture**: Roof Coating

1.3. **Details of the supplier of the safety data sheet**
- 838 Coatings, LLC
  - 12800 State HWY 13
  - Suite 400
  - Savage, MN 55378
- **Telephone**: (763) 972-9441

1.4. **Emergency telephone number**
- **Emergency number**: Chemtrec: (800) 424-9300

### SECTION 2: Hazards identification

2.1. **Classification of the substance or mixture**
**GHS-US classification**
- Flam. Liq. 3: H226
- Skin Irrit. 2: H315
- Eye Irrit. 2A: H319
- Muta. 1B: H340
- Carc. 1B: H350
- Rep. 1B: H360
- Asp. Tox. 1: H304

2.2. **Label elements**
**GHS-US labelling**
- **Hazard pictograms (GHS-US)**: ![Hazard Pictograms](image)
- **Signal word (GHS-US)**: Danger
- **Hazard statements (GHS-US)**: H226 - Flammable liquid and vapour  
  H304 - May be fatal if swallowed and enters airways  
  H315 - Causes skin irritation  
  H319 - Causes serious eye irritation  
  H340 - May cause genetic defects  
  H350 - May cause cancer  
  H360 - May damage fertility or the unborn child

**Precautionary statements (GHS-US)**
- P201 - Obtain special instructions before use
- P202 - Do not handle until all safety precautions have been read and understood
- P204 - Ground/bond container and receiving equipment
- P205 - Use non-sparking tools
- P206 - Take precautionary measures against static discharge
- P210 - Keep away from heat, hot surfaces, open flames, sparks. - No smoking
- P233 - Keep container tightly closed
- P234 - Take precautionary measures against static discharge
- P241 - Use explosion-proof lighting, electrical, ventilating equipment
- P242 - Use non-sparking tools
- P243 - Take precautionary measures against static discharge
- P247 - Use non-sparking tools
- P264 - Wash hands, forearms and face thoroughly after handling
- P265 - Wear eye protection, face protection, protective clothing, protective gloves
- P301+P310 - IF SWALLOWED: Immediately call a doctor, a poison center
- P302+P352 - IF ON SKIN: Wash with plenty of soap and water
- P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
- P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- P308+P313 - IF EXPOSED OR CONGESTED: Get medical advice/attention
- P321 - Specific treatment (see first aid instructions on this label)
2.3. **Other hazards**

No additional information available

2.4. **Unknown acute toxicity (GHS-US)**

No data available

---

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance  
Not applicable

#### 3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solvent naphtha, petroleum, light aromatic</td>
<td>(CAS No) 64742-95-6</td>
<td>15 - 40</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>(CAS No) 13463-67-7</td>
<td>7 - 13</td>
</tr>
<tr>
<td>Benzene, 1,2,4-trimethyl-</td>
<td>(CAS No) 95-83-6</td>
<td>7 - 13</td>
</tr>
<tr>
<td>Xylenes (o-, m-, p- isomers)</td>
<td>(CAS No) 1330-20-7</td>
<td>0.1 - 1</td>
</tr>
<tr>
<td>Cumene</td>
<td>(CAS No) 98-82-8</td>
<td>0.1 - 1</td>
</tr>
<tr>
<td>2-Methoxy-1-propanol</td>
<td>(CAS No) 1589-47-5</td>
<td>0.001 - 0.01</td>
</tr>
</tbody>
</table>

---

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

**First-aid measures general**: If exposed or concerned, get medical attention/advice. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use. Never give anything to an unconscious person.

**First-aid measures after inhalation**: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if breathing is affected. If breathing is difficult, supply oxygen.

**First-aid measures after skin contact**: IF ON SKIN (or clothing): Remove affected clothing and wash all exposed skin with water for at least 15 minutes. If irritation develops or persists, get medical attention.

**First-aid measures after eye contact**: IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do so. If pain, blinking, or irritation develops or persists, get medical attention. Continue rinsing.

**First-aid measures after ingestion**: IF SWALLOWED: rinse mouth thoroughly. Do not induce vomiting without advice from poison control center or medical professional. Get medical attention immediately.

#### 4.2. Most important symptoms and effects, both acute and delayed

**Symptoms/injuries**: May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. May cause genetic defects. May cause cancer. May damage fertility. May damage the unborn child.

**Symptoms/injuries after inhalation**: May cause respiratory irritation.

**Symptoms/injuries after skin contact**: Causes skin irritation.

**Symptoms/injuries after eye contact**: Causes serious eye irritation.

**Symptoms/injuries after ingestion**: May be fatal if swallowed and enters airways.

**Chronic symptoms**: May damage fertility. May damage the unborn child. May cause genetic defects. May cause cancer.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Excessive exposure can cause pulmonary edema.

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media**: Foam. Dry powder. Water spray. Carbon dioxide.

#### 5.2. Special hazards arising from the substance or mixture

**Fire hazard**: Flammable liquid and vapour.

**Explosion hazard**: Product is not explosive.

**Reactivity**: No data available.
5.3. Advice for firefighters

Firefighting instructions: Exercise caution when fighting any chemical fire. Do not dispose of fire-fighting water in the environment. Prevent human exposure to fire, fumes, smoke and products of combustion. Use cold water spray to cool fire-exposed containers to minimize risk of rupture. Vapours may travel long distances along ground before igniting/flashin back to vapour source.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures: Evacuate area. Keep upwind. Ventilate area. Spill should be handled by trained clean-up crews properly equipped with respiratory equipment and full chemical protective gear (see Section 8).

6.1.1. For non-emergency personnel

Protective equipment: Wear Protective equipment as described in Section 8.

Emergency procedures: Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment: Wear suitable protective clothing, gloves and eye or face protection. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for cleaning up: Product may create slip hazard. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

6.4. Reference to other sections

See Sections 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling: Do not handle until all safety precautions have been read and understood. Provide good ventilation in process area to prevent formation of vapor. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not breathe vapours. Keep away from sources of ignition - No smoking. Ground/bond container and receiving equipment.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground and bond all transfer and storage equipment.

Storage temperature: 10 - 26.67 °C (50 - 80 °F)

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>Substance</th>
<th>ACGIH TWA (ppm)</th>
<th>OSHA PEL (TWA) (mg/m³)</th>
<th>OSHA PEL (STEL) (mg/m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylenes (o-, m-, p-isomers) (1330-20-7)</td>
<td>100 ppm</td>
<td>435 mg/m³</td>
<td>655 mg/m³</td>
</tr>
<tr>
<td>ACGIH STEL (ppm)</td>
<td>150 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>OSHA PEL (TWA) (mg/m³)</td>
<td></td>
<td>100 ppm</td>
<td></td>
</tr>
<tr>
<td>OSHA PEL (STEL) (mg/m³)</td>
<td></td>
<td>150 ppm</td>
<td></td>
</tr>
<tr>
<td>Titanium dioxide (13463-67-7)</td>
<td>10 mg/m³</td>
<td>15 mg/m³ total dust</td>
<td></td>
</tr>
<tr>
<td>ACGIH TWA (mg/m³)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>OSHA PEL (TWA) (mg/m³)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2-Methoxy-1-propanol (1589-47-5)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remark (ACGIH)</td>
<td>OELs not established</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remark (OSHA)</td>
<td>OELs not established</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solvent naphtha, petroleum, light aromatic (64742-95-6)</td>
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<tr>
<td>Remark (ACGIH)</td>
<td>OELs not established</td>
<td></td>
<td></td>
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</tbody>
</table>
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<table>
<thead>
<tr>
<th>Solvent naphtha, petroleum, light aromatic (64742-95-6)</th>
<th>OELs not established</th>
</tr>
</thead>
<tbody>
<tr>
<td>Remark (OSHA)</td>
<td>OELs not established</td>
</tr>
<tr>
<td>Benzene, 1,2,4-trimethyl- (95-63-6)</td>
<td>OELs not established</td>
</tr>
<tr>
<td>Remark (ACGIH)</td>
<td>OELs not established</td>
</tr>
<tr>
<td>Remark (OSHA)</td>
<td>OELs not established</td>
</tr>
<tr>
<td>Cumene (98-82-8)</td>
<td></td>
</tr>
<tr>
<td>ACGIH TWA (ppm)</td>
<td>50 ppm</td>
</tr>
<tr>
<td>OSHA PEL (TWA) (mg/m³)</td>
<td>245 mg/m³</td>
</tr>
<tr>
<td>OSHA PEL (TWA) (ppm)</td>
<td>50 ppm</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

Appropriate engineering controls: Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment with flammable materials. Ensure adequate ventilation, especially in confined areas.


Hand protection: Use gloves chemically resistant to this material when prolonged or repeated contact could occur. Gloves should be classified under Standard EN 374 or ASTM F1296. Suggested glove materials are: Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate, PVC or vinyl.

Eye protection: Wear eye protection, including chemical splash goggles and a face shield when possibility exists for eye contact due to spraying liquid or airborne particles.

Skin and body protection: Wear long sleeves, and chemically impervious PPE/coveralls to minimize bodily exposure.

Respiratory protection: Wear a NIOSH-approved (or equivalent) full-facepiece airline respirator in the positive pressure mode with emergency escape provisions. In case of inadequate ventilation or risk of inhalation of vapors, use suitable respiratory equipment with gas filter (type A2). Use a positive-pressure air-supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air-purifying respirators may not provide adequate protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Liquid
Appearance: Heavy.
Color: White.
Odor: No data available
Odor Threshold: No data available
pH: No data available
Relative evaporation rate (butylacetate=1): 0.9
Melting point: No data available
Freezing point: No data available
Boiling point: 138.89 °C (282 °F)
Flash point: 43.89 °C (111 °F)
Auto-ignition temperature: No data available
Decomposition temperature: No data available
Flammability (solid, gas): No data available
Vapour pressure: No data available
Relative vapour density at 20 °C: ≥ 4 (air = 1)
Relative density: 1.46 (water = 1)
Solubility: Negligible.
Viscosity: 20,000 – 23,000 cps
Log Pow: No data available
Log Kow: No data available
Viscosity, kinematic: No data available
Viscosity, dynamic: No data available
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Explosive properties: No data available
Oxidising properties: No data available
Explosive limits: No data available

9.2. Other information
VOC content: < 450 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity
No data available.

10.2. Chemical stability
Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of hazardous reactions
No data available.

10.4. Conditions to avoid
Open flame. Prevent vapor accumulation.

10.5. Incompatible materials
Strong oxidizers.

10.6. Hazardous decomposition products
Carbon monoxide (CO), carbon dioxide (CO2).

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Acute toxicity: Not classified
Skin corrosion/irritation: Causes skin irritation.
Serious eye damage/irritation: Causes serious eye irritation.
Respiratory or skin sensitisation: Not classified.
Germ cell mutagenicity: May cause genetic defects.
Carcinogenicity: May cause cancer.

Titanium dioxide (13463-67-7)
IARC group: 2B - Possibly carcinogenic to humans

Cumene (98-82-8)
IARC group: 2B - Possibly carcinogenic to humans

Reproductive toxicity: May damage fertility or the unborn child.
Specific target organ toxicity (single exposure): Not classified
Specific target organ toxicity (repeated exposure): Not classified
Aspiration hazard: Not classified
Symptoms/injuries after inhalation: May cause respiratory irritation.
Symptoms/injuries after skin contact: Causes skin irritation.
Symptoms/injuries after eye contact: Causes serious eye irritation.
Symptoms/injuries after ingestion: May cause gastrointestinal irritation.
Chronic symptoms: May damage fertility. May damage the unborn child. May cause genetic defects. May cause cancer.

SECTION 12: Ecological information

12.1. Toxicity
Ecology - general: No information available.

12.2. Persistence and degradability
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Persistence and degradability: No information available.

12.3. Bioaccumulative potential
No additional information available

12.4. Mobility in soil
No additional information available

12.5. Other adverse effects
No additional information available
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SECTION 13: Disposal considerations

13.1. Waste treatment methods
Waste treatment methods : Do not discharge to public wastewater systems without permit of pollution control authorities.
No discharge to surface waters is allowed without an NPDES permit.
Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Do not allow the product to be released into the environment.

SECTION 14: Transport information

In accordance with DOT
Transport document description : UN1287 Rubber solution, 3, III
UN-No.(DOT) : 1287
DOT NA no. : UN1287
Proper Shipping Name (DOT) : Rubber solution
Department of Transportation (DOT) Hazard Classes : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120
Hazard labels (DOT) : 3 - Flammable liquid

Packing group (DOT) : III - Minor Danger
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 60 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 220 L
DOT Vessel Stowage Location : A - The material may be stowed “on deck” or “under deck” on a cargo vessel and on a passenger vessel.

Other information : No supplementary information available.

Transport by sea
UN-No. (IMDG) : 1287
Proper Shipping Name (IMDG) : RUBBER SOLUTION
Class (IMDG) : 3 - Flammable liquids
Packing group (IMDG) : III - substances presenting low danger

Air transport
UN-No.(IATA) : 1287
Proper Shipping Name (IATA) : RUBBER SOLUTION
Class (IATA) : 3 - Flammable Liquids
Packing group (IATA) : III - Minor Danger

SECTION 15: Regulatory information

15.1. US Federal regulations
838 Supreme
All chemical substances in this product are listed in the EPA (Environment Protection Agency) TSCA (Toxic Substances Control Act) Inventory
SARA Section 311/312 Hazard Classes
Immediate (acute) health hazard
Delayed (chronic) health hazard
Fire hazard

Benzene, 1,2,4-trimethyl- (95-63-6)
Section 313
Listed on US SARA Section 313

15.2. International regulations
No additional information available.

15.3. US State regulations
California Proposition 65
WARNING! This product contains chemicals known to the state of California to cause cancer, birth defects, or other reproductive harm.
<table>
<thead>
<tr>
<th>Substance</th>
<th>U.S. - California - Proposition 65 - Carcinogens List</th>
<th>U.S. - California - Proposition 65 - Developmental Toxicity</th>
<th>U.S. - California - Proposition 65 - Reproductive Toxicity - Female</th>
<th>U.S. - California - Proposition 65 - Reproductive Toxicity - Male</th>
<th>No significance risk level (NSRL)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Titanium dioxide (13463-67-7)</strong></td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No significance risk level (NSRL)</td>
</tr>
<tr>
<td><strong>Silica: Crystalline, quartz (14808-60-7)</strong></td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No significance risk level (NSRL)</td>
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<tr>
<td><strong>Cumene (98-82-8)</strong></td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No significance risk level (NSRL)</td>
</tr>
<tr>
<td><strong>Propylene glycol monomethyl ether (107-98-2)</strong></td>
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<td>No</td>
<td>No</td>
<td>No significance risk level (NSRL)</td>
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<tr>
<td><strong>Silica, amorphous, precipitated and gel (112926-00-8)</strong></td>
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<td>No</td>
<td>No</td>
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<tr>
<td><strong>Limestone (1317-65-3)</strong></td>
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<td>No</td>
<td>No</td>
<td>No</td>
<td>No significance risk level (NSRL)</td>
</tr>
<tr>
<td><strong>Xylenes (o-, m-, p- isomers) (1330-20-7)</strong></td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No significance risk level (NSRL)</td>
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<tr>
<td><strong>Aluminum oxide (1344-28-1)</strong></td>
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<td>No</td>
<td>No</td>
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<td>No significance risk level (NSRL)</td>
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<tr>
<td><strong>Titanium dioxide (13463-67-7)</strong></td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No significance risk level (NSRL)</td>
</tr>
<tr>
<td><strong>3-Iodo-2-propynyl butylcarbamate (55406-53-6)</strong></td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No significance risk level (NSRL)</td>
</tr>
<tr>
<td><strong>Dimethyl sulfoxide (67-68-5)</strong></td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No significance risk level (NSRL)</td>
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<tr>
<td><strong>Benzene, 1,2,4-trimethyl- (95-63-6)</strong></td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No significance risk level (NSRL)</td>
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<tr>
<td><strong>Cumene (98-82-8)</strong></td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No significance risk level (NSRL)</td>
</tr>
<tr>
<td><strong>Modified urea product (800963-5149)</strong></td>
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<td>No</td>
<td>No</td>
<td>No</td>
<td>No significance risk level (NSRL)</td>
</tr>
</tbody>
</table>

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### SECTION 16: Other information

<table>
<thead>
<tr>
<th>Indication of changes</th>
<th>Revision 1.0: New SDS Created.</th>
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<tbody>
<tr>
<td></td>
<td>09/09/2015</td>
</tr>
<tr>
<td>Other information</td>
<td>Author: ANF.</td>
</tr>
</tbody>
</table>

NFPA health hazard: 3 - Short exposure could cause serious temporary or residual injury even though prompt medical attention was given.

NFPA fire hazard: 2 - Must be moderately heated or exposed to relatively high temperature before ignition can occur.

NFPA reactivity: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.

**HMIS III Rating**

<table>
<thead>
<tr>
<th>Health</th>
<th>3*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability</td>
<td>2</td>
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<tr>
<td>Physical</td>
<td>0</td>
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<tr>
<td>Personal Protection</td>
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</table>

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.