**Albi Manufacturing**  
Division of StanChem, Inc  
401 Berlin Street  
East Berlin, CT 06023  
Emergency Telephone Number: CHEMTREC 1-800-424-9300  
Information Telephone Number: 860-828-0571  
Date of Preparation: 6/14/2019

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**Section I – Product Identification**

- **Product Number:** 16x0080  
- **Product Name:** Albi Clad TF+  
- **Product Class:** Thin Film Mastic

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**Section II – Hazard Identification**

**Hazard Pictogram:**

![Hazard Pictogram](image)

**Signal Word:** Warning

**Hazard Statements:**
- May be harmful if swallowed
- May be harmful in contact with skin
- Causes eye irritation
- May cause respiratory irritation
- May cause damage to organs through prolonged or repeated exposure

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**Section III – Hazardous Ingredients**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Percent</th>
<th>Occupational Exposure Limits</th>
<th>Vapor Pressure @20°C (mmHg)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV (mg/m³)</td>
<td>OSHA TWA (mg/m³)</td>
</tr>
<tr>
<td>Titanium Dioxide</td>
<td>7-13</td>
<td>15</td>
<td>10</td>
</tr>
<tr>
<td>CAS #13463-67-7</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ammonium Polyphosphate</td>
<td>15-35</td>
<td>NE</td>
<td>NE</td>
</tr>
<tr>
<td>CAS# 68333-79-9</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pentaerythritol</td>
<td>7-13</td>
<td>15</td>
<td>10</td>
</tr>
<tr>
<td>CAS# 115-77-5</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Melamine
CAS# 108-78-1
7-13 NE NE NE NE NE N/A

Glass Wool Fibers
CAS# 65997-17-3
7-13 1 fiber/cc 5 NE NE NE N/A

Aluminum Trihydrate
CAS# 21645-51-2
3-7 1 NE NE NE NE N/A

Ethylene Glycol Butyl Ether
CAS# 111-76-2
1-5 20 ppm 230 NE NE NE N/A

Section IV – First Aid Measures

First Aid Procedures:

Inhalation: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Get medical advice/attention.

Skin: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion: Rinse mouth. Do NOT induce vomiting. Call a poison center or doctor/physician if you feel unwell.

Section V – Fire and Explosion Hazard Data

Flammability Classification:

<table>
<thead>
<tr>
<th>Classification</th>
<th>OSHA</th>
<th>DOT</th>
<th>Flash Point</th>
<th>LEL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not flammable</td>
<td>Not flammable</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Extinguishing Media:

Foam Alcohol Foam CO₂ Dry Chemical Fog

Unusual Fire and Explosion Hazards:

N/A

Section VI – Accidental Release Measures

Steps to be Taken in Case Material is Released or Spilled

Contain and remove with inert absorbent

Section VII – Safe Handling and Storage

Handling: Empty containers may contain product residue; follow MSDS and label warnings even after the container has been emptied.

Storage: Keep away from heat, sparks, and open flames. Avoid extreme heat or cold. Store above freezing. Store this material away from incompatible substances (see section 10). Do not store in open, unlabeled or mislabeled containers. Keep container closed when not in use. Empty
container may contain residual product which may exhibit hazards of product. Do not reuse empty container.

### Section VIII – Exposure Controls and Personal Protection

**Respiratory Protection:** Use approved mechanical filters designed to remove airborne particulate.

**Ventilation:** Local exhaust as required by job conditions to keep TLV below acceptable limits. Refer to OSHA regulations 29 CFR Part 1910.94.

**Protective Gloves:** Recommended

**Eye Protection:** Use safety eyewear with splash guards or side shields

**Other Protective Equipment:** Wear protective clothing

**Hygienic Practices:** Eye wash should be available. Use under well ventilated conditions. Personnel should wash thoroughly after handling product. Always wash-up before eating, smoking or using the toilet facilities.

**Other Precautions:** Avoid contact with eyes and skin

### Section IX – Physical Data

<table>
<thead>
<tr>
<th>Boiling Point</th>
<th>212 F</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight per Gallon</td>
<td>11.5 +/- 0.5 lb./gal</td>
</tr>
<tr>
<td>Percent Volatility</td>
<td>25.0 – 27.0 %</td>
</tr>
<tr>
<td>Solids</td>
<td>71.0-74.0%</td>
</tr>
<tr>
<td>pH</td>
<td>7.0-9.0</td>
</tr>
<tr>
<td>Viscosity</td>
<td>20,000-40,000</td>
</tr>
<tr>
<td>VOC content</td>
<td>8.3 g/l</td>
</tr>
</tbody>
</table>

### Section X – Stability and Reactivity

**Stability:** Stable

**Hazardous Polymerization:** Will Not Occur

**Hazardous Decomposition Products:** Combustion may produce carbon dioxide and/or carbon monoxide and other products of incomplete combustion

**Conditions To Avoid:** N/A

**Incompatibility [Materials to avoid]:** Strong oxidizing agents

### Section XI – Toxicological Information

**Primary Routes of Exposure**
- Skin Contact
- Inhalation

**Medical Conditions**
- Sinus
- Dermatitis

**Prone to Aggravation by Exposure:**
Product Toxicology

<table>
<thead>
<tr>
<th>Carcinogenicity:</th>
<th>NTP?</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>IARC Monographs?</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>OSHA Regulated?</td>
<td>No</td>
<td></td>
</tr>
</tbody>
</table>

Section XII – Ecological Information

Potential to Bioaccumulate: Unknown

Aquatic Toxicity: No data available for this product

Section XIII – Disposal Considerations

Waste Disposal Methods:
Disposal should be in accordance with local, state and federal regulations.

Section XIV – Transportation

Proper Shipping Name: Not Regulated
Technical Name: Albi Clad TF +
Identification Number: Not Regulated
Hazard Class/Division: NA
Packing Group: NA

The information provided herein may not include the impact of additional regulatory requirements (e.g. for materials meeting the definition of a hazardous waste under RCRA, hazardous substances under CERCLA, and/or marine pollutants under CWA or other similar federal, state or local laws) or any associated exceptions or exemptions under regulations applicable to the transport of this material.

Section XV – Regulatory Information

TSCA
All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements.

Section XVI – Other Information

Hazard Rating Systems

<table>
<thead>
<tr>
<th>NFPA 704*</th>
<th>HMIS**</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health:</td>
<td>Health:</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Flammability</td>
<td>Flammability</td>
</tr>
<tr>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Reactivity</td>
<td>Reactivity</td>
</tr>
<tr>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Personal Protection: B

Key: 0 - Insignificant;
1 = Slight  2 = Moderate;
3 = High  4 = Extreme;
E = Eye Protection and gloves, dust mask

*National Fire Protection Association rating identifies the severity of hazards of material during a fire emergency (i.e., “on fire”)
**Hazardous Materials Identification System, National Paint and Coatings Association rating applies to product “as packaged” (i.e., ambient temperature)

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