SECTION 1 - PRODUCT IDENTIFICATION

Trade name: TREMFLEX 834 LIMESTONE
Product code: 9418054323

COMPANY: Tremco Incorporated
3735 Green Road
Cleveland, OH 44122

Telephone: (216) 292-5000 8:30 - 5:00 EST
Emergency Phone: (216) 765-6727 8:30 - 5:00 EST
After Hours: Chemtrec 1-800-424-9300

Product use: Sealant

SECTION 2 - HAZARDS IDENTIFICATION

Emergency Overview
Limestone. Non-sag gunnable paste. May cause slight irritation to the respiratory system. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

Acute Potential Health Effects/ Routes of Entry
Inhalation: May cause slight irritation to the respiratory system.
Eyes: Slightly irritating.
Ingestion: May cause irritation to the mouth, throat and stomach.
Skin: Irritant effect may be delayed.

Aggravated Medical Conditions
Pre-existing eye, skin and respiratory disorders may be aggravated by exposure.

Chronic Health Effects
Inhalation of crystalline silica (quartz) can cause cancer based on animal data, and IARC concludes sufficient evidence in humans (Group 1). Prolonged and repeated overexposure to free crystalline silica dust above the TLV level may cause scarring of the lungs with cough and shortness of breath. A delayed lung injury, silicosis may result from breathing free silica. Fillers are encapsulated and not expected to be released from product under normal conditions of use.

SECTION 3 - PRODUCT COMPOSITION

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Carbonate (Limestone)</td>
<td>1317-65-3</td>
<td>40.0 - 70.0</td>
</tr>
<tr>
<td>Acrylic polymer</td>
<td>NJ TSRN# 51721300-5277P</td>
<td>15.0 - 40.0</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>15.0 - 40.0</td>
</tr>
<tr>
<td>White mineral oil</td>
<td>8042-47-5</td>
<td>3.0 - 7.0</td>
</tr>
<tr>
<td>Dipropylene glycol dibenzoate</td>
<td>27138-31-4</td>
<td>1.0 - 5.0</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>13463-67-7</td>
<td>1.0 - 5.0</td>
</tr>
<tr>
<td>Crystalline Silica (Quartz)/ Silica Sand</td>
<td>14808-60-7</td>
<td>~&lt;1.0</td>
</tr>
</tbody>
</table>
SECTION 4 - FIRST AID MEASURES

Get immediate medical attention for any significant overexposure.
Inhalation: Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.
Eye contact: Flush with water for 15 minutes. If irritation persists, get medical attention.
Skin contact: Wash with water. If irritation, rash or other disorders develop, get medical attention immediately.
Ingestion: Do not induce vomiting unless advised by a physician. Call nearest Poison Control Center or Physician immediately.

SECTION 5 - FIRE FIGHTING MEASURES

Flash point: Not available.
Method: Not available.
Lower explosion limit: Not available.
Upper explosion limit: Not available.
Autoignition temperature: Not available.
Extinguishing media: This product is not expected to burn under normal conditions of use. Use that which is appropriate to the surroundings.
Hazardous combustion products: Smoke, fumes.
Protective equipment for firefighters: Not applicable. Product is not expected to burn.
Fire and explosion conditions: This product not expected to ignite under normal conditions of use.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Use appropriate protective equipment. Avoid contact with material. Scrape up and transfer to appropriate container for disposal. Keep out of water courses.

SECTION 7 - HANDLING AND STORAGE

Prevent inhalation of vapor, ingestion, and contact with skin eyes and clothing. Keep container closed when not in use. Precautions also apply to emptied containers. Do not use in confined or poorly ventilated areas. Store in sealed containers in a dry, ventilated warehouse location above freezing.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protection equipment
Respiratory protection: Not required under normal conditions of use.
Hand protection: Protect hands with impervious gloves.
Eye protection: Use safety glasses if eye contact is likely.
Material Safety Data Sheet

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Protective measures
Use professional judgment in the selection, care, and use. Other equipment not normally required.

Engineering measures
General ventilation is sufficient. Use local exhaust when the general ventilation is inadequate.

Exposure Limits

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>Regulation</th>
<th>Limit</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Carbonate (Limestone)</td>
<td>1317-65-3</td>
<td>OSHA PEL:</td>
<td>5 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL:</td>
<td>15 mg/m³</td>
<td>Total dust.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TWA:</td>
<td>3 mg/m³</td>
<td>Respirable particles.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TWA:</td>
<td>10 mg/m³</td>
<td>Inhalable particles.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA TWA:</td>
<td>15 mg/m³</td>
<td>Total dust.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA TWA:</td>
<td>5 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>13463-67-7</td>
<td>ACGIH TWA:</td>
<td>10 mg/m³</td>
<td>Total dust.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL:</td>
<td>15 mg/m³</td>
<td>Total dust.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA TWA:</td>
<td>15 mg/m³</td>
<td>Total dust.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA TWA:</td>
<td>5 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>Crystalline Silica (Quartz)/ Silica Sand</td>
<td>14808-60-7</td>
<td>ACGIH TWA:</td>
<td>0.05 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA TWA:</td>
<td>0.1 mg/m³</td>
<td>Respirable.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA TWA:</td>
<td>0.3 mg/m³</td>
<td>Total dust.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL:</td>
<td>15 mg/m³</td>
<td>Total dust.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL:</td>
<td>5 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
</tbody>
</table>

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Form : Non-sag gunnable paste
Color : Limestone
Odor : Acrylate
pH : Not available.
Vapour pressure : Not available.
Vapor density : Heavier than air
Melting point/range : Not available.
Freezing point : Not available.
Boiling point/range : Not available.
Water solubility : Miscible
Specific Gravity : 1.4567
% Volatile Weight : 20 %

SECTION 10 - REACTIVITY / STABILITY

Substances to avoid : Oxidizing agents. Strong acids. Strong bases.
SECTION 11 - TOXICOLOGICAL INFORMATION

No Data Available

SECTION 12 - ECOLOGICAL INFORMATION

No Data Available

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Method: Waste not regulated under RCRA. Incinerate at EPA approved facility or dispose of waste in compliance with state and local regulations.

SECTION 14 - TRANSPORTATION / SHIPPING DATA

TDG / DOT Shipping Description:

NOT REGULATED

SECTION 15 - REGULATORY INFORMATION

North American Inventories:
All components are listed or exempt from the TSCA inventory.
This product or its components are listed on, or exempt from the Canadian Domestic Substances List.

U.S. Federal Regulations:

SARA 313 Components: None present or none present in regulated quantities.
SARA 311/312 Hazards: Acute Health Hazard
                      Chronic Health Hazard

OSHA Hazardous Components:
Calcium Carbonate (Limestone) 1317-65-3
Titanium dioxide 13463-67-7
Crystalline Silica (Quartz)/ Silica Sand 14808-60-7

OSHA Status: Considered hazardous based on the following criteria:

OSHA Flammability: Not Regulated
Regulatory VOC (less water and exempt solvent): 11 g/l
VOC Method 310: 0 %

Chemical is listed as an IARC, NTP, OSHA, or ACGIH Carcinogen:
Crystalline Silica (Quartz)/ Silica Sand 14808-60-7
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U.S. State Regulations:

MASS RTK Components : Calcium Carbonate (Limestone) 1317-65-3
Titanium dioxide 13463-67-7

Penn RTK Components : Calcium Carbonate (Limestone) 1317-65-3
Acrylic polymer 7732-18-5
Water 13463-67-7
White mineral oil 8042-47-5
Titanium dioxide 13463-67-7

NJ RTK Components : Calcium Carbonate (Limestone) 1317-65-3
Acrylic polymer 7732-18-5
Water 13463-67-7
White mineral oil 8042-47-5
Dipropylene glycol dibenzoate 127138-31-4
Crystalline Silica (Quartz)/Silica Sand 14808-60-7

Chemicals known to the State of California to cause cancer, birth defects and/or other reproductive harm:
14808-60-7 Crystalline Silica (Quartz)/Silica Sand
1333-86-4 Carbon Black
140-88-5 Ethyl Acrylate
50-00-0 Formaldehyde

SECTION 16 - OTHER INFORMATION

HMIS Rating:

| Health | 2 |
| Flammability | 1 |
| Reactivity | 0 |

PPE:

Further information:

For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.

Prepared by: Rich Mikol

Legend

ACGIH - American Conference of Governmental Hygienists
CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act
DOT - Department of Transportation
DSL - Domestic Substance List
EPA - Environmental Protection Agency
HMIS - Hazardous Materials Information System
IARC - International Agency for Research on Cancer
MSHA - Mine Safety Health Administration
NDSL - Non-Domestic Substance List
NIOSH - National Institute for Occupational Safety and Health
NTP - National Toxicology Program
OSHA - Occupational Safety and Health Administration
PEL - Permissible Exposure Limit
RCRA - Resource Conservation and Recovery Act
RTK - Right To Know
SARA - Superfund Amendments and Reauthorization Act
STEL - Short Term Exposure Limit
TLV - Threshold Limit Value
TSCA - Toxic Substances Control Act
TWA - Time Weighted Average
V - Volume
VOC - Volatile Organic Compound
WHMIS - Workplace Hazardous Materials Information System