

**TREMFLEX 834 INDEPENDENCE GRAY**Version 2.  
REVISION DATE: 08/08/2008

Print Date 08/12/2008

**SECTION 1 - PRODUCT IDENTIFICATION / PREPARATION INFORMATION****Product Information**Trade name : TREMFLEX 834 INDEPENDENCE GRAY  
Product code : 9418344 323Supplier : Tremco Canada division  
220 Wicksteed Avenue  
Toronto, ON M4H 1G7Telephone : (416) 421-3300  
Emergency Phone: : (613) 996-6666

Product use : Sealant

**Preparation Information**Prepared by: : Sewnauth Raghunandan  
Date: : 08/08/2008  
Telephone : (416) 421-3300**SECTION 2 - HAZARDS IDENTIFICATION****Emergency Overview**

Gray. 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 : HAZARDOUS INGREDIENTS**

Chemical Name	CAS-No.	Weight % Range
Titanium dioxide	13463-67-7	0.5 - 1.5
Talc	14807-96-6	0.1 - 1.0
Crystalline Silica (Quartz)/ Silica Sand	14808-60-7	0.1 - 1.0
Chlorothalonil	1897-45-6	0.1 - 1.0

The ingredients listed above are hazardous as defined in the controlled products regulation. (CPR).

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**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 / EXPLOSION HAZARDS**

- Flash point : Not available.
- Method : Not available.
- Burning rate : Non-flammable solid
- 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 - SPILLS / LEAKS / 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 - PREVENTIVE MEASURES/EXPOSURE CONTROLS/PERSONAL PROTECTION**

- Personal protection equipment**
- Respiratory protection : Not required under normal conditions of use.
  - Hand protection : Protect hands with impervious gloves.

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- Eye protection : Use safety glasses if eye contact is likely.
- 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**

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Regulation</u>	<u>Limit</u>	<u>Form</u>
Titanium dioxide	13463-67-7	Ontario TWA: ACGIH TWA:	10 mg/m3 10 mg/m3	Total dust.
Talc	14807-96-6	Ontario TWA: ACGIH TWA:	2 mg/m3 2 mg/m3	Respirable. Respirable fraction.
Crystalline Silica (Quartz)/ Silica Sand	14808-60-7	Ontario TWA: ACGIH TWA:	0.10 mg/m3 0.025 mg/m3	Respirable fraction. Respirable fraction.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

- Physical State : Paste
- Form : Non-sag gunnable paste
- Color : Gray
- 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
- Evaporation Rate: : Not available.
- Specific Gravity : 1.580
- % Volatile Weight : 17 %

**SECTION 10 - REACTIVITY / STABILITY**

- Substances to avoid : Oxidizing agents. Strong acids. Strong bases.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

- Chlorothalonil, CAS-No.: 1897-45-6
- Acute oral toxicity (LD-50 oral) : 10,000 mg/kg ( Rat )
- Acute dermal toxicity (LD-50 dermal) : 10,000 mg/kg ( Albino rat )



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**SECTION 12 - ECOLOGICAL INFORMATION**

No Data Available

**SECTION 13 - WASTE DISPOSAL CONSIDERATIONS**

Disposal Method : Dispose as hazardous waste according to all local, state, federal and provincial 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.

**Canadian Regulations:**

WHMIS Classification : D2A

This is a "controlled product" under the Canadian Workplace Hazardous Materials Information System (WHMIS).

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

**Other Regulations:**

Regulatory VOC (less water and exempt solvent) : 31 g/l

**SECTION 16 - OTHER INFORMATION**

**HMIS Rating :**

Health	1
Flammability	0
Reactivity	0
PPE	

0 = Minimum  
1 = Slight  
2 = Moderate  
3 = Serious  
4 = Severe

**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: **Sewnauth Raghunandan**



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**Legend**

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