



MATERIAL SAFETY DATA SHEET

Road Repair-Fine and Regular

Section 01 - Product And Company Information

Product Identifier 1175 Road Repair-Fine, 1170 Road Repair-Regular

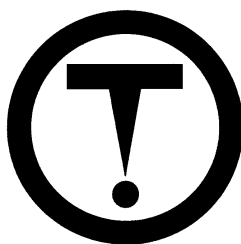
Product Use Repairing potholes, cracks, sucken areas, breaks in concrete or asphalt.

Supplier Name..... ClearTech Industries Inc.
1500 Quebec Avenue
Saskatoon, SK. Canada
S7K 1V7

Prepared By..... ClearTech Industries Inc. Technical Department
Phone: (306)664-2522

Preparation Date..... November 26, 2012

24-Hour Emergency Phone..... 306-664-2522



Section 02 - Composition / Information on Ingredients

| | | |
|------------------------------------|-------------------|------------|
| Hazardous Ingredients | Silicone Dioxide | 50-55% |
| | Petroleum Asphalt | 1-5% |
| CAS Number | Silicone Dioxide | 14808-60-7 |
| | Petroleum Asphalt | 8052-42-4 |
| Synonym (s) | None | |

Section 03 - Hazard Identification

Inhalation..... Exposure may cause irritation of the nose, throat and respiratory tract.



- Skin Contact / Absorption**..... Exposure may cause mild skin irritation. Prolonged contact may cause redness, burning, drying and cracking of the skin.
- Eye Contact**..... Direct contact may cause mild to moderate irritation including tearing, redness, pain and swelling. Product mists may also cause irritation.
- Ingestion**..... May cause irritation of the digestive tract.
- Exposure Limits**..... ACGIH/TLV-TWA: 0.05mg/m³ (silicon dioxide)
ACGIH/TLV-TWA: 5mg/m³ (petroleum asphalt fumes)

Section 04 - First Aid Measures

- Inhalation**..... Remove victim to fresh air if respiratory symptoms develop. Give artificial respiration only if breathing has stopped. If breathing is difficult, give oxygen. Seek immediate medical attention.
- Skin Contact / Absorption**..... Remove contaminated clothing. Wash affected area with soap and water. Seek medical attention if irritation occurs or persists.
- Eye Contact**..... Flush immediately with water for at least 20 minutes. Forcibly hold eyelids apart to ensure complete irrigation of eye tissue. Seek immediate medical attention.
- Ingestion**..... Dilute by giving water or milk to drink if the victim is conscious. Do not induce vomiting. If vomiting occurs, keep the head below the hips to prevent lung aspiration. Seek immediate medical attention.
- Additional Information**..... Not available

Section 05 - Fire Fighting Measures

- Conditions of Flammability**..... Flammable if near ignition source.
- Means of Extinction**..... Water fog, foam or CO₂ for surrounding fire.
- Flash Point**..... Not available
- Auto-ignition Temperature**..... Not available
- Upper Flammable Limit** Not available
- Lower Flammable Limit**..... Not available



Hazardous Combustible Products.... Carbon monoxide, carbon dioxide and incomplete combustion products.

Special Fire Fighting Procedures..... Wear NIOSH-approved self-contained breathing apparatus and protective clothing.

Explosion Hazards..... None known

Section 06 - Accidental Release Measures

Leak / Spill..... Wear appropriate personal protective equipment if required. Ventilate area and stop or reduce leak if safe to do so. Prevent material from entering sewers. Dike and contain any spills. Soak up/recover spilled product and place in sealed/marked container for future disposal.

Deactivating Materials..... Not available

Section 07 - Handling and Storage

Handling Procedures..... Use proper equipment for lifting and transporting all containers. Use sensible industrial hygiene and housekeeping practices. Wash thoroughly after handling. Avoid all situations that could lead to harmful exposure.

Storage Requirements..... Keep container tightly closed when not in use. Product should be stored at temperatures above freezing.

Section 08 - Personal Protection and Exposure Controls

Protective Equipment

Eyes..... Chemical goggles, full-face shield, or a full-face respirator is to be worn at all times when product is handled. Contact lenses should not be worn; they may contribute to severe eye injury.

Respiratory..... Utilize respiratory equipment to prevent exposure to product vapors/mists.

Gloves..... Impervious gloves of chemically resistant material (rubber or PVC) should be worn. Wash contaminated clothing and dry thoroughly before reuse.

Clothing..... Body suits, aprons, and/or coveralls of chemical resistant material should be worn. Wash contaminated clothing and dry thoroughly before reuse.

Footwear..... No special footwear is required other than what is mandated at place of work.



Engineering Controls

- Ventilation Requirements**..... Mechanical ventilation (dilution or local exhaust), process or personnel enclosure and control of process conditions should be provided. Supply sufficient replacement air to make up for air removed by exhaust systems.
- Other**..... Keep an eye wash fountain and safety shower available and in close proximity to work area.

Section 09 - Physical and Chemical Properties

- Physical State**..... Semi-solid
- Odor and Appearance**..... Black semi-solid asphalt mix with mild odor
- Odor Threshold**..... Not available
- Specific Gravity (Water=1)**..... Not available
- Vapor Pressure (mm Hg, 20°C)**..... Not available
- Vapor Density (Air=1)**..... > 1
- Evaporation Rate**..... < 1
- Boiling Point**..... Not available
- Freeze/Melting Point**..... Not available
- pH**..... Not available
- Water/Oil Distribution Coefficient**..... Not available
- Bulk Density**..... Not available
- % Volatiles by Volume**..... 1.0
- Solubility in Water**..... Not available
- Molecular Formula**..... Not available
- Molecular Weight**..... Not available

Section 10 - Stability and Reactivity

- Stability**..... Product is stable



- Incompatibility**..... Strong oxidizers
- Hazardous Products of Decomposition**... Carbon monoxide, carbon dioxide and incomplete combustion products.
- Polymerization**..... Not available

Section 11 - Toxicological Information

- Irritancy**..... Mild irritant
- Sensitization**..... Not available
- Chronic/Acute Effects**..... Effects include: symptoms of eye irritation include pain, tearing, redness and swelling. Symptoms of skin irritation include reddening, swelling and/or rash. Symptoms of respiratory irritation include runny nose, sore throat, coughing, chest discomfort, shortness of breath and reduced lung function. Symptoms of gastrointestinal irritation include sore throat, abdominal pain, nausea, vomiting and diarrhea. Transient central nervous system depression may be evidenced by headache, dizziness, nausea and symptoms of intoxication.
- Synergistic Materials**..... Not available
- Animal Toxicity Data**..... Not available
- Carcinogenicity**..... Silicone dioxide is listed by IARC and NTP as a probable carcinogenic to humans (IARC Group 2A).
- Reproductive Toxicity**..... Not available
- Teratogenicity**..... Not available
- Mutagenicity**..... Not available

Section 12 - Ecological Information

- Fish Toxicity**..... Not available
- Biodegradability**..... Not available
- Environmental Effects**..... Not available



Section 13 - Disposal Consideration

Waste Disposal..... Dispose in accordance with all federal, provincial, and/or local regulations including the Canadian Environmental Protection Act.

Section 14 - Transport Information

TDG Classification

Class..... Not regulated

Group..... Not regulated

PIN Number..... Not regulated

Other..... Secure containers (full and/or empty) with suitable hold down devices during shipment.

Section 15 - Regulatory Information

WHMIS Classification.....D2

NOTE: THE PRODUCT LISTED ON THIS MSDS HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CANADIAN CONTROLLED PRODUCTS REGULATIONS. THIS MSDS CONTAINS ALL INFORMATION REQUIRED BY THOSE REGULATIONS.

Section 16 - Other Information

Note: The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all applicable laws and regulations.

Attention: Receiver of the chemical goods / MSDS coordinator

As part of our commitment to the Canadian Association of Chemical Distributors (CACD) Responsible Distribution® initiative, ClearTech Industries Inc. and its associated companies require, as a condition of sale, that you forward the attached Material Safety Data Sheet(s) to all affected employees, customers, and end-users. ClearTech will send any available supplementary handling, health, and safety information to you at your request.

If you have any questions or concerns please call our customer service or technical service department.



ClearTech Industries Inc. - Locations

Corporate Head Office: 1500 Quebec Avenue, Saskatoon, SK, S7K 1V7

Phone: 306-664-2522

Fax: 306-665-6216

www.ClearTech.ca

| Location | Address | Postal Code | Phone Number | Fax Number |
|------------------|-----------------------------------|--------------------|---------------------|-------------------|
| Richmond, B.C. | 12431 Horseshoe Way | V7A 4X6 | 604-272-4000 | 604-272-4596 |
| Calgary, AB. | 5516E - 40 th St. S.E. | T2C 2A1 | 403-279-1096 | 403-236-0989 |
| Edmonton, AB. | 11750 - 180 th Street | T5S 1N7 | 780-452-6000 | 780-452-4600 |
| Saskatoon, SK. | 19 Peters Ave, North Corman Park | S7K 1V7 | 306-933-0177 | 306-933-3282 |
| Regina, SK. | 555 Henderson Drive | S42 5X2 | 306-721-7737 | 306-721-8611 |
| Winnipeg, MB. | 340 Saulteaux Crescent | R3J 3T2 | 204-987-9777 | 204-987-9770 |
| Mississauga, ON. | 7480 Bath Road | L4T 1L2 | 905-612-0566 | 905-612-0575 |

24 Hour Emergency Number - All Locations - 306-664-2522