

## Section 1 - Chemical Product and Company Identification

**Product/Chemical Name:** Any 051 0.678 kg/m<sup>2</sup> silicone coated fiberglass material

**Chemical Formula:** Not Applicable

**CAS Number:** Not Applicable

**Other Designations:** Welding Blanket Material, Fire Blanket Material

**Derivation:** Prepared by impregnating woven fiberglass by proprietary silicone polymer mixture to both sides of the material then heat cured

**General Use:** Used in sparks or molten metal protection. Commonly used in the protection of personnel and equipment from welding and other hot works

**Company Name:** Hi Temp Products of Canada, Inc.

16810-129 Avenue, Edmonton, AB, Canada T5V 1L2

Tel. No. 780-424-1829

## Section 2 - Composition / Information on Ingredients

Hazardous Ingredient	CAS Number	EINECS/ELINCS	% wt or % vol
Dimethylpolysiloxane	9016-00-6	618-493-1	Less than 2%

Hazardous Ingredient	CAS Number	EINECS/ELINCS	% wt or % vol
Fiberglass continuous filament	65997-17-3	None assigned	98-100
Sizing	Sizing	None	0-2

## Section 3 - Hazards Identification

### Potential Health Effects

**Primary Entry Routes:** Ingestion or skin contact.

**Target Organs:** Skin, digestive tract.

**Acute Effects:** Fiberglass continuous filament is a mechanical irritant.

**Inhalation:** Breathing dust and fibers may cause short-term irritation of the mouth, nose and throat.

**Eye:** Eye contact with dust and fiber may cause short-term mechanical irritation.

**Skin:** Skin contact with dust and fibers may cause itching and short-term irritation.

**Ingestion:** May cause short-term mechanical irritation of the stomach and intestines.

**Carcinogenicity:** The International Agency for Research on Cancer (IARC), categorized fiberglass continuous filament as not classified with respect to human carcinogenicity (Group 3). The evidence from human as well as animal studies was evaluated by IARC as insufficient to classify fiberglass continuous filament as a possible, probable, or confirmed cancer-causing material.

**Medical Conditions Aggravated by Long-Term Exposure:** Long-term breathing or skin conditions that are aggravated by mechanical irritants may be at a Higher risk of worsening from the use or contact with this product.

**Chronic Effects:** There are no known health effects connected with long term use or contact with this product.

## Section 4 - First Aid Measures

**Inhalation:** Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

**Eye Contact:** Prolonged or repeated eye and skin contact causes irritation.

**Skin Contact:** Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists.

**Ingestion:** If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

*After first aid, get appropriate in-plant, paramedic, or community medical support.*

**Note to Physicians:** Treat symptomatically and supportively.

## Section 5 - Fire-Fighting Measures

**Flash Point:** noncombustible

**Burning Rate:** N/A

**Autoignition Temperature:** N/A

**Extinguishing Media:** Water, Foam, CO<sub>2</sub> or dry chemical

**Unusual Fire or Explosion Hazards:** No known.

**Fire-Fighting Instructions:** Use self-breathing apparatus in a sustained fire.

## Section 6 - Accidental Release Measures

**Spill /Leak Procedures:** N/A

**Land Spills:** Scoop up material and put into suitable container for disposal as a non-hazardous waste.

**Water Spills:** This material will sink and disperse on the bottom of water waste and ponds. The material is non-hazardous in water.

**Containment:** N/A

**Waste Disposal method:** Consult certified material disposal contractor.

## Section 7 - Handling and Storage

**Handling Precautions:** Avoid contact with eyes, skin. Avoid ingestion and inhalation.

**Storage Requirements:** None

## Section 8 - Exposure Controls / Personal Protection

**Engineering Controls:** N/A

**Ventilation:** Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

**Administrative Controls:**

**Respiratory Protection:** Dust Masks

**Protective Clothing/Equipment:**

Skin: Wear protective gloves prevent prolonged or repeated skin contact if necessary.

Eye: Wear protective eyeglasses or chemical safety goggles if material is machined.

**Safety Stations:** Make emergency eyewash stations and washing facilities available in work area.

**Comments:** Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

## Section 9 - Physical and Chemical Properties

**Physical State:** solid

**Appearance and Odor:** Orange - odorless

**Odor Threshold:** N/A

**Vapor Pressure:** N/A

**Vapor Density (Air=1):** N/A

**Formula Weight:** N/A

**Density:** 0.678 kg/m<sup>2</sup>

**Specific Gravity (H<sub>2</sub>O=1):** 1.1

**PH:** N/A

**Water Solubility:** non-soluble

**Other Solubilities:** None

**Boiling Point:** None

**Freezing/Melting Point:** -90 °C / 1100 °C

**Viscosity:** N/A

**Refractive Index:** N/A

**Surface Tension:** N/A

**% Volatile:** N/A

**Evaporation Rate:** None

## Section 10 - Stability and Reactivity

**Stability:** Trisodium Phosphate is stable at room temperature in closed containers under normal storage and handling conditions.

**Polymerization:** Hazardous polymerization will not occur.

**Chemical Incompatibilities:** None.

**Conditions to Avoid:** None known.

**Hazardous Decomposition Products:** Sizing or binders may decompose in a fire. See section 5 of MSDS for combustion product statements.

## Section 11- Toxicological Information

### Toxicity Data:\*

**Acute Inhalation Effects:** not available

**Acute Oral Effects:** not available

**Mutagenicity:** no data available

**Teratogenicity:** no data available

**Chronic Effects:** no data available

**Carcinogenicity:** The International Agency for Research on Cancer (IARC), categorized fiberglass continuous filament as not classified with respect to human carcinogenicity (Group 3). The evidence from human as well as animal studies was evaluated by IARC as insufficient to classify fiberglass continuous filament as a possible, probable, or confirmed cancer-causing material.

## Section 12 - Ecological Information

**Ecotoxicity:** Aquatic toxicity: This material is not expected to cause any harm to plants and fish.

**Environmental Fate:** no data available

**Environmental Degradation:** no data available

**Soil Absorption/Mobility:** no data available

## Section 13 - Disposal Considerations

**Disposal:** Consult certified material disposal contractor for construction.

**Disposal Regulatory Requirements:** None

**Container Cleaning and Disposal:** Not applicable

**RCRA Hazard Class:** Non-hazarduous

## Section 14 - Transport Information

**Shipping Name:**

**Shipping Symbols:** None

**Hazard Class:** Non-hazarduous

**ID No.:** None

**Packing Group:** None

**Label:**

**Special Provisions:** None

**European Class:**

**RID (OCTI) :** None

**ADR (ECE) :** None

**RAR (IATA):** None

## Section 15 - Regulatory Information

**TSCA:** Each ingredient is on the inventory.

**NSR Status (Canada):** Each ingredient is on the DSL.

**SARA Title III:**

Hazard Categories:

Acute health: No

Fire Hazard: No

Pressure Hazard: No

Reactivity Hazard: No

**RECORDABLE INGREDIENTS:**

SEC.302/304: None

SEC.303 : None

**CLEAN-AIR ACT:** No ingredient is listed

**WHMIS (Canada) Status:** Not controlled

**WHMIS (Canada) Classification:** None

## Section 16 - Other Information

**Disclaimer:** All information, recommendations and suggestions appearing herein are based upon sources believed to be reliable; However, it is the users responsibility to determine the safety, toxicity and suitability for its own use of this product. **HI TEMP PRODUCTS OF CANADA, INC.** DOES NOT ASSUME ANY LIABILITY ARISING OUT OF THE USE BY OTHERS OF THIS PRODUCT.