



# Material Safety Data Sheet

February 17, 2009

## WELDING / HEAT TREATMENT PADS

### SECTION 1 — COMPANY AND PRODUCT IDENTIFICATION

**Product Name:** R51 Silicone Welding / Heat Treatment Pads **PIN/UN:** Not Available  
**Description:** Silicone Infused Fiberglass fabric with textile grade fiberglass filler.  
**Formula:** Mixture  
**Manufacturers Name:** Hi Temp Products Of Western Canada Inc.  
**Street Address:** 16810 - 129 Avenue  
**City:** Edmonton  
**Postal Code:** T5V 1L2  
**Province:** Alberta  
**Telephone Number:** 780 424 1829

### SECTION 2 - HAZARDOUS INGREDIENTS

<b>PIGMENTS:</b>	N/A	<b>BASE METAL:</b>	N/A	<b>ALLOYS:</b>	N/A
<b>CATALYSTS:</b>	N/A	<b>METALLIC COATINGS:</b>	N/A	<b>ADDATIVES:</b>	N/A
<b>SOLVENTS:</b>	N/A	<b>FILLER METALS:</b>	N/A	<b>COATING:</b>	N/A

**OTHER:** Liquid coating contains Dimethylpolysiloxane (less than 2%) in a vulcanized state which precludes it from being hazardous.

### SECTION 3:— COMPOSITION / INFORMATION ON INGREDIENTS

<b>Components:</b>	<b>% (Wt/Wt):</b>	<b>CAS No:</b>	
Dimethylpolyciloxane (coating)	< 2%	69430 - 24-6	
Textile Grade Fiber Glass	98%	Not Assigned	
PFTE Coated Fiber glass thread	< 0.5 %	<b>PFTE- Polytetra fluroethylene :</b>	CAS 9002-84-0

### SECTION 4 — PHYSICAL DATA

<b>Physical State:</b>	<b>Odor</b>	<b>Odor Threshold:</b>	<b>Colour:</b>	<b>Solubility in Organic Solvent:</b>
Solid	Odorless	Not Available	Rust	N/A
<b>Vapor Pressure:</b>	<b>Vapour Density:</b>	<b>Evaporation Rate:</b>	<b>Boiling Point:</b>	
Negligible	N/A	N/A	N/A	
<b>pH:</b>	<b>Specific Gravity:</b>	<b>Solubility in Water:</b>	<b>Melting Point:</b>	
N/A	1.1	N/A	Not Available	

### SECTION 5 — FIRE AND EXPLOSION DATA

<b>Conditions of Flammability:</b>	<b>Hazardous Combustion Products:</b>	<b>Upper Flame Limit:</b>
Non-Flammable	N/A	N/A
<b>Extinguishing Agents:</b>	<b>Sensitivity to Static Discharge:</b>	<b>Lower Flame Limit:</b>
Coating Only - All Standard Fire Fighting Media	Not Expected	N/A
<b>Auto Ignition Temperature:</b>	<b>Special Firefighting Procedures:</b>	<b>Flash Point:</b>
N/A	All Standard Fire Fighting Equipment	N/A
<b>Sensitivity to Mechanical Impact:</b>		
N/A		

### SECTION 6 — REACTIVITY DATA

**Conditions Of Instability:** Stable under normal conditions.  
**In Compatible Substances:** No known applicable information.  
**Reactivity:** No known applicable information.  
**Hazardous Polymerization:** Will not occur.  
**Hazardous Thermal Decomposition/Combustion Products:** In a sustained fire combustible decomposition products may be released from the textile grade fibreglass filler. These products include carbon dioxide, carbon monoxide, silicone dioxide and formaldehyde.

**SECTION 7 — TOXICOLOGICAL PROPERTIES**

**Inhalation:** Mechanical irritation of mouth,nose, throat and upper respiratory tract.  
**Ingestion:** No known applicable information at this time.  
**Eyes and Skin:** Direct skin contact with fiberglass or its duct may cause machanical irritation of skin and eyes.  
**Effects Of Exposure:** No known applicable information at this time.  
**Effects Of Chronic Exposure:** No known applicable information at this time.  
**Ecotoxicological Information:** No known applicable information at this time.  
**Chemical Fate Information:** No known applicable information at this time.  
**Exposure Limits:** No known applicable information at this time.  
**Sensitizer:** Not available  
**Carcinogen:** non-carcinogen  
**Tertogen:** Not available  
**Reproductive Toxin:** Not available  
**Mutagen:** Not available  
**Synergistic Products:** Not available  
**Other:**

**SECTION 8 — FIRST AID MEASURES -**

**Inhalation:** If fiberglass filler dust inhaled remove to fresh air.  
 If breathing is difficult give oxygen. Get medical attention.  
**Ingestion:** Not likely to occur through normal use. Should ingestion occur seek medical attention.  
**Eyes:** Flush with plenty of water for at least 15 minutes and get medical attention if irritation persists.  
**Skin:** Wash with soap and water and get medical attention if irritation persists.

**SECTION 9 — PREVENTIVE MEASURES**

**Personal Protective Equipment:** Cloth gloves and safety glasses.  
**Respiratory Protection:** If handling large quantities, respiratory protection must be provided in accordance with OSHA regulations.  
**Eye/Skin Protection:** Wear eye protection and protective clothing and avoid direct contact on skin.  
**Engineering Controls:** Showers, eye wash stations and proper ventilation.

**SECTION 10 —DISPOSAL INFORMATION**

**Waste Disposal:** Dispose in accordance with all applicable federal, provincial and local regulations in a licensed landfill or burn in approved incinerator according to federal, provincial and local regulations.  
**Handling and Storage Procedures:** Use adequate ventilation, Avoid eye contact, avoid direct skin contact.  
**Spill or Leak:** N/A

**SECTION 11— TRANSPORT INFORMATION**

<b>DOT Shipping N/Ame:</b>	None	<b>European Class:</b>
<b>DOT Hazard Class</b>	None	<b>RID ( OCTI ) :</b> None
<b>Dot Label (s) :</b>	None	<b>ADR ( ECE ) :</b> None
<b>UN/N/A Number:</b>	None	<b>RAR ( IATA ) :</b> None
<b>Placards:</b>	None	
<b>IATA:</b>	Not regulated by IATA	
<b>IMO IMDG – Code:</b>	Not regulated for ocean transport	
<b>EMS No:</b>	N/A	

**SECTION 12 — PREPARATION INFORMATION**

**Prepared By:** Hi Temp Products Of Western Canada Inc.  
**Phone Number:** 780 424 1829

**SECTION 13 — OTHER INFORMATION**

These data are offered in good faith as typical values and not as product specifications. No warranty either expressed or implied is made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.