

GT Products, Inc.  
**MATERIAL SAFETY DATA SHEET**

PRODUCT

GT Products<sup>®</sup> DMF20cS+

1. PRODUCT AND COMPANY IDENTIFICATION

**Manufactured by:**

GT Products, Inc.  
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**Date Prepared/Revised:**

1 December 2008

by: KAW

**Chemical Type/Description:**

polydimethylsiloxane - viscosities 20cS and up

2. HAZARDOUS INGREDIENTS

<u>Component</u>	<u>Approximate %</u>	<u>TLV/PEL</u>	<u>CAS Number</u>
None			

This product contains Methylpolysiloxanes, which can generate Formaldehyde at approximately 300F (150C) and above, in atmospheres which contain oxygen. Formaldehyde is a skin, eye, and throat irritant, is toxic and a potential cancer hazard.

<b>HMIS RATING:</b>	<b>FLAMMABILITY: 1</b>	<b>REACTIVITY: 0</b>	<b>HEALTH: 1</b>
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3. EFFECTS OF EXPOSURE

**Potential Health Effects:**

**Ingestion:** Very low toxicity expected. A likely laxative.  
**Skin Contact:** None expected.  
**Inhalation:** None expected due to very low vapor pressure.  
**Eye Contact:** May irritate.

4. FIRST AID MEASURES

**Ingestion:** Seek medical attention if adverse symptoms noted.  
**Skin:** Remove with dry towel, then wash with soap and water.  
**Eyes:** Rinse 15 minutes with running water. Seek medical attention if irritation persists.  
**Inhalation:** Seek fresh air if needed.  
**Other:** Not applicable.

5. FIRE FIGHTING INFORMATION

**Flash Point (Method):** > 210°F (Setaflash)  
**Flammability Class:** None.

## GT Products

<b>Flammability Limits in Air:</b>	Not available.
<b>Extinguishing Media:</b>	All standard media for chemical fires.
<b>Hazardous Combustion Products</b>	CO, CO <sub>2</sub> , SiO <sub>2</sub> , H <sub>2</sub> CO
<b>Special Fire Fighting Notes:</b>	Like all silicones, GT Products® X5239 can produce formaldehyde when strongly heated in air.

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### 6. ACCIDENTAL RELEASE MEASURES

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Pick up spilled material with absorbent clay, then wash area thoroughly with water and detergent. Spilled material is very slippery.

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### 7. HANDLING AND STORAGE

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**Handling:** Avoid contact with eyes and prolonged skin contact.  
**Storage:** Store in cool (< 40°C) closed and dry containers.

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### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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**Engineering Controls:** Good general ventilation.  
**Personal Protective Equipment**  
**Eyes:** Safety glasses.  
**Skin:** Rubber or plastic gloves as desired.  
**Inhalation:** Not normally required.

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

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**Physical State:** Clear, transparent, low to moderate viscosity, flowable liquid.  
**Color:** None.  
**Odor:** None.  
**Boiling Point:** Will decompose before boiling.  
**Vapor Density (air = 1):** There is negligible vapor pressure.  
**Specific Gravity:** 0.95 – 0.98g/mL (higher viscosities are more dense)  
**Solubility in Water:** Negligible (perhaps 200 ppm max).

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### 10. STABILITY AND REACTIVITY

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**Chemical Stability:** Stable.  
**Hazardous Polymerization:** Will not occur.  
**Decomposition Products:** Only in fire conditions, see section 5.  
**Materials to Avoid:** None.  
**Conditions to Avoid:** Exposure to light or heat. Keep tightly sealed to avoid contamination. Darkened material still retains most of its catalytic activity.

# GT Products

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## 11. TOXICOLOGICAL INFORMATION

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See section 3.

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## 12. ECOLOGICAL INFORMATION

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None available.

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## 13. DISPOSAL CONSIDERATIONS

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Disposal should be made in accordance with state and local regulations.

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## 14. TRANSPORT INFORMATION

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**DOT SHIPPING NAME:** Not regulated.  
**DOT HAZARD CLASS:** None.  
**UN/NA Number:** None.

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## 15. REGULATORY INFORMATION

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**TSCA INVENTORY STATUS:** All components are listed on the Toxic Substances Control Act (TSCA) inventory.

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## 16. OTHER INFORMATION

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We believe the above information is correct as of the date of this data sheet. However, as this information and the conditions under which the product are used are beyond the control of GT PRODUCTS, INC., it is the user's obligation to determine the conditions for the safe use of the product. No warranty, expressed or implied, is hereby made.