

GT Products, Inc.
MATERIAL SAFETY DATA SHEET

PRODUCT

GT Products® 2240 Base

1. PRODUCT AND COMPANY IDENTIFICATION

Manufactured by:

GT Products, Inc.
501 Industrial Blvd.
Grapevine, TX 76051

Telephone: (800) 421-0866
(817) 481-7113
Fax: (817) 421-1211
gtproducts.com

Date Prepared/Revised:

29 November 2004

by: MDG

Chemical Type/Description: Silicone Rubber Base

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.

This product contains fillers (including crystalline silica) that would be regulated dusts in their free form. However, as supplied, they are thoroughly wetted by silicone fluids, can not be readily isolated and do not present a health hazard.

HMIS RATING:

FLAMMABILITY: 1

REACTIVITY: 0

HEALTH: 1

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.
Flammability Limits in Air: Not available.
Extinguishing Media: All standard media for chemical fires.
Hazardous Combustion Products CO, CO₂, SiO₂, H₂CO
Special Fire Fighting Notes: Like all silicones, GT Products® 2240 Base can produce formaldehyde when strongly heated in air.

6. ACCIDENTAL RELEASE MEASURES

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

7. HANDLING AND STORAGE

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Good general ventilation.

Personal Protective Equipment

Eyes: Safety glasses.
Skin: Rubber or plastic gloves as desired.
Inhalation: Not normally required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Flowable paste.
Color: Off-white.
Odor: Very slight.
Boiling Point: Will not boil.
Vapor Density (air = 1): There is negligible vapor pressure.
Specific Gravity: 1.1
Solubility in Water: None.

10. STABILITY AND REACTIVITY

Chemical Stability: Stable.
Hazardous Polymerization: Will not occur.
Decomposition Products: Only in fire conditions, see section 5.
Materials to Avoid: None.
Conditions to Avoid: None – keep tightly sealed to avoid contamination.

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11. TOXICOLOGICAL INFORMATION

See section 3.

12. ECOLOGICAL INFORMATION

None available.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

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

16. OTHER INFORMATION

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.

GT Products, Inc.
MATERIAL SAFETY DATA SHEET

PRODUCT

GT Products® C-2240 Curing Agent

1. PRODUCT AND COMPANY IDENTIFICATION

Manufactured by:

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501 Industrial Blvd.
Grapevine, TX 76051

Telephone: (800) 421-0866
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Fax: (817) 421-1211
gtproducts.com

Date Prepared/Revised:
Chemical Type/Description:

29 November 2004

by: MDG
Silicone Rubber Curing Agent

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 300°F (150°C) and above, in atmospheres which contain oxygen. Formaldehyde is a skin, eye, and throat irritant, is toxic and a potential cancer hazard.

HMIS RATING:

FLAMMABILITY: 1

REACTIVITY: 1

HEALTH: 1

3. EFFECTS OF EXPOSURE

Potential Health Effects:

Ingestion: Low toxicity expected, a likely laxative.
Skin Contact: May cause contact dermatitis on long exposure.
Inhalation: Not a significant route of entry due to low vapor pressure.
Eye Contact: May irritate.

4. FIRST AID MEASURES

Ingestion: Seek medical attention if adverse symptoms develop.
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: NA

5. FIRE FIGHTING INFORMATION

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

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Flammability Limits in Air:	Not available
Extinguishing Media:	All standard media for chemical fires.
Hazardous Combustion Products	CO, CO ₂ , SiO ₂ , H ₂ , H ₂ CO
Special Fire Fighting Notes:	Like all silicones, GT Products® C-2240 Curing Agent can produce formaldehyde when strongly heated in air. Additionally, GT Products® C-2240 Curing Agent contains silicone hydrides that can be decomposed by high heat to hydrogen gas.

6. ACCIDENTAL RELEASE MEASURES

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

7. HANDLING AND STORAGE

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Good general ventilation.

Personal Protective Equipment

Eyes: Safety glasses.
Skin: Rubber or plastic gloves as desired.
Inhalation: Not normally required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Opaque moderate viscosity liquid.
Color: Blue.
Odor: Very slight.
Boiling Point: > 175°C.
Vapor Density (air = 1): > 5, but vapor pressure is very low.
Specific Gravity: 1.0
Solubility in Water: Negligible.

10. STABILITY AND REACTIVITY

Chemical Stability: Stable in the absence of contamination.
Hazardous Polymerization: Will not occur.
Decomposition Products: Only in fire conditions or when contaminated see section 5 and below.
Materials to Avoid: Acids, bases, oxidizing agents.

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Conditions to Avoid: Keep tightly sealed to avoid contamination. Contact with acids, bases (particularly) or other catalytic species can decompose the silicone hydrides in C-2240 Curing Agent producing hydrogen gas as a byproduct. Good housekeeping and use of the original container will minimize this effect. A slight buildup of hydrogen pressure is not uncommon on long storage. Safely vent the hydrogen. The material's suitability is not affected.

11. TOXICOLOGICAL INFORMATION

See section 3.

12. ECOLOGICAL INFORMATION

None available.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

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

16. OTHER INFORMATION

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