



MSDS - Fluids & Compounds

GT Products inc.
MATERIAL SAFETY DATA SHEET

PRODUCT: GT Products® 4111

1. PRODUCT AND COMPANY IDENTIFICATION

Manufactured by:

GT Products® inc.
501 Industrial Blvd.
Grapevine, TX 76051

Tel: 817 / 481-7113
Fax: 817 / 421-1211
EMERGENCY (Chemtrec): 800-424-9300

Date: June 7, 1999 **by:** RAF

Chemical Type /Description: Silicone Compound

2. HAZARDOUS INGREDIENTS

None

NFPA RATING FLAMMABILITY 1 REACTIVITY 0 HEALTH: 1

3. EFFECTS OF EXPOSURE

Potential Health Effects:

Ingestion: not considered toxic
Skin Contact: none expected
Inhalation: NA
Eye Contact: may irritate, similar to wind burn

4. FIRST AID MEASURES

Ingestion: None required
Skin: Remove with dry towel, then wash with soap and water
Eyes: rinse 15 min with running water
Inhalation: NA
Other: NA

5. FIRE FIGHTING INFORMATION

Flash Point (Method): >150C (pmcc)
Flammability Class: none
Autoignition Temperature: none
Flammability Limits in Air: NA
Extinguishing Media: all standard media for chemical fires
Hazardous Combustion Products: none
Special Fire Fighting Notes: none

6. ACCIDENTAL RELEASE MEASURES

Dam and pick up with absorbent material such as clay, wash with detergent and water. Residue is VERY slippery.

7. HANDLING AND STORAGE

Handling: none special
Storage: store in cool closed containers

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: normal ventilation

Personal Protective Equipment

Eyes: safety glasses
Skin: none required
Gloves: rubber
Inhalation: not likely

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Paste
Color: Translucent
Odor: slight
Boiling Point: NA
Vapor Density (air = 1): NA
Specific Gravity: 1.07
Solubility in Water: none

10. STABILITY AND REACTIVITY

Chemical Stability: stable
Hazardous Polymerization: none
Decomposition Products: CO₂, SiO₂, Water
Materials to Avoid: none
Conditions to Avoid: none

11. TOXICOLOGICAL INFORMATION

none available

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: none
DOT HAZARD CLASS: none
UN/NA Number: none

15. REGULATORY INFORMATION

TSCA INVENTORY STATUS:	listed
<u>SARA TITLE III / CERCLA</u>	
SECTION 302 EXTREMELY TOXIC:	no
SECTION 304 CERCLA HAZARD:	no
SECTION 311 / 312 HAZARD CLASS:	no
SECTION 313 TOXIC CHEMICALS:	no
UN Number	
DOT Packaging Code	

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 his safe use of the product. No warranty, expressed or implied, is hereby made.

GT Products, Inc.
MATERIAL SAFETY DATA SHEET

PRODUCT

GT Products® GT 2AF

1. PRODUCT AND COMPANY IDENTIFICATION

Manufactured by:

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

Telephone: (800) 221-0866
(817) 481-7113
Fax: (817) 421-1211
gtproducts.com

Date Prepared/Revised:
Chemical Type/Description:

30 April 2004

by: KAW
Silicone Dispersion

2. HAZARDOUS INGREDIENTS

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

This product contains solids that, in their solid state would be nuisance dusts subject to OSHA regulation. This does not apply in the form supplied.

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: 0	HEALTH: 1
---------------------	------------------------	----------------------	------------------

3. EFFECTS OF EXPOSURE

Potential Health Effects:

Ingestion: A likely laxative.
Skin Contact: None expected, a slight skin irritation (drying effect) is possible.
Inhalation: An unlikely exposure route due to very low vapor pressure.
Eye Contact: My cause irritation in some individuals.

4. FIRST AID MEASURES

Ingestion: Not likely. Do not eat. Material has negligible toxicity but will produce a laxative effect.
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: Not a likely exposure route due to very low vapor pressure.
Other: Not applicable.

5. FIRE FIGHTING INFORMATION

Flash Point (Method): >205°F (Setaflash).
Flammability Class: Combustible Liquid Class III-B.
Flammability Limits in Air: Not available.
Extinguishing Media: Foam, Dry Chemical, CO₂. Do not use water.
Hazardous Combustion Products: CO, CO₂, SiO₂, H₂CO.
Special Fire Fighting Notes: None.

6. ACCIDENTAL RELEASE MEASURES

Pick up spilled material with an inert absorbent. Wash area thoroughly with water and detergent.

7. HANDLING AND STORAGE

Handling: No special handling required.
Storage: Store tightly closed to prevent contamination.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Good general ventilation.

Personal Protective Equipment

Eyes: Chemical safety glasses with side shields.
Skin: Rubber or plastic gloves as desired.
Inhalation: Local exhaust is recommended but not required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Flowable liquid.
Color: Milky white.
Odor: Little if any.
Boiling Point: Not available.
Vapor Density: > 1.
Specific Gravity: 1.0
Solubility in Water: None.

10. STABILITY AND REACTIVITY

Chemical Stability: Stable.
Hazardous Polymerization: Will not occur.
Decomposition Products: For fire conditions, see section 5.
Materials to Avoid: Strong oxidizing agents.
Conditions to Avoid: None specifically.

GT Products

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: None.
DOT HAZARD CLASS: None – unregulated.
UN/NA Number: None.

15. REGULATORY INFORMATION

TSCA INVENTORY STATUS: This material or all of its contents are listed on the Toxic Substances Control Act (TSCA)

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® XE-5738

1. PRODUCT AND COMPANY IDENTIFICATION

Distributed by:

GT Products® inc.
501 Industrial Blvd.
Grapevine, TX 76051

Tel: 817 / 481-7113
Fax: 817 / 421-1211

Date: 4/12/00 by: DRM

Chemical Type /Description: Silicone Emulsion

2. HAZARDOUS INGREDIENTS

<u>No.</u>	<u>%</u>	<u>TLV</u>	<u>CAS</u>
COCO ALKYL BIS(2-HYDROXYETHYL)- CHLORIDES ETHOXYLATED			
METHYL QUARTERNARY AMMONIUM	1-5	NE	61791-10-4
OCTAMETHYLCYCLOTETRAILOXANE	1-5	5 PPM	556-67-2

NFPA RATING	FLAMMABILITY: 0	REACTIVITY: 0	HEALTH: 1
HMIS RATING	FLAMMABILITY: 0	REACTIVITY: 0	HEALTH: 1

This product contains Methylpolysiloxanes which can generate Formaldehyde at approximately 300 degrees farenheit (150C) and above, in atmospheres which contain oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant, and potential cancer hazard. An MSDS for Formaldehyde is available from GT-Products.

3. EFFECTS OF EXPOSURE

Potential Health Effects:

Ingestion: None known
Skin Contact: May cause mild skin irritation
Inhalation: None known
Eye Contact: May irritate eyes

4. FIRST AID MEASURES

Ingestion: None known
Skin: Wash with soap and water
Eyes: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.
Inhalation: None known
Other: None known

5. FIRE FIGHTING INFORMATION

Flash Point (Method): >100C (>212F) (PMCC)
Flammability Limits in Air-Lower: NA
Flammability Limits in Air-Upper: NA
Extinguishing Media: All standard firefighting media
Sensitivity to Static Discharge: None expected
Special Fire Fighting Notes: None

6. ACCIDENTAL RELEASE MEASURES

Pick up spilled material with absorbent clay, then wash floor thoroughly. Residual material is very slippery.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes.
Storage: Store in cool closed containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Eyewash stations.

Personal Protective Equipment

Eyes: Safety glasses
Skin: Rubber or plastic gloves
Inhalation: None known

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Color: White
Odor: Oderless
Boiling Point: 100C (212F)
Vapor Density (air = 1): Unknown
Specific Gravity: 0.99
Solubility in Water: Yes

10. STABILITY AND REACTIVITY

Chemical Stability: Stable
Hazardous Polymerization: None
Decomposition Products: Silicon dioxide, Formaldehyde.
Materials to Avoid: None

Conditions to Avoid: None known

11. TOXICOLOGICAL INFORMATION

Acute Oral LD50 (Mg/Kg): >5000 (Rats) Tested
Acute Dermal LD50 (Mg/Kg): Unknown
Acute Inhalation LD50 (Mg/L): Unknown
Other: None
AMES Test: Unknown

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: None
DOT HAZARD CLASS: Not DOT Regulated
UN/NA Number: None
IATA: Not Regulated by IATA

15. REGULATORY INFORMATION

TSCA INVENTORY STATUS:

SARA TITLE III / CERCLA

SECTION 302 EXTREMELY TOXIC:	No
SECTION 304 CERCLA HAZARD:	No
SECTION 311 / 312 HAZARD CLASS:	Acute health hazard/Chronic health hazard
SECTION 313 TOXIC CHEMICALS:	None

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 his safe use of the product. No warranty, expressed or implied, is hereby made.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME (S): GT PRODUCTS GT-XE-5438

CHEMICAL NAME OR CLASS: Silicone Emulsion

HAZARD CLASSIFICATION: None

MANUFACTURER'S NAME: GT products, inc.
ADDRESS: 501 Industrial Blvd.
Grapevine, TX 76051

PHONE: (817)-481-7113.

FAX: (817)-421-1211

SECTION I -- HAZARDOUS INGREDIENTS

<u>COMPONENT</u>	<u>%</u>	<u>ACGIH TLV CAS No.</u>
------------------	----------	--------------------------

None		All components are listed in the TSCA inventory
------	--	---

SECTION II - PHYSICAL AND CHEMICAL DATA

BOILING POINT: 100C

VAPOR PRESSURE: N/A

SPECIFIC GRAVITY: 1.00

EVAPORATION RATE: Water

SOLUBILITY IN WATER: Disperses

APPEARANCE AND ODOR: Pourable liquid, White, Soap-like odor

SECTION III - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD)*: > 150C

FLAMMABILITY CLASSIFICATION: None

EXTINGUISHING MEDIA: NA

(*) VALUE FOR MATERIAL OR LOWEST FLASH POINT INGREDIENT

MATERIAL SAFETY DATA SHEET

SECTION IV - REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: None

INCOMPATIBILITY (MATERIALS TO AVOID): None

HAZARDOUS DECOMPOSITION PRODUCTS: None

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: None

SECTION V - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY INHALATION ?:[N] SKIN ?:[Y] INGESTION ?:[Y]

HEALTH HAZARDS; ACUTE: none known.

CHRONIC: none known

CARCINOGENICITY NTP:[N] IARC MONOGRAPH:[N]

OSHA REGULATED:[N]

SIGNS AND SYMPTOMS OF EXPOSURE:

SKIN contact; exposure may cause irritation.

EYES contact; will cause irritation.

INGESTION; No adverse reaction expected (not a food grade product)

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known

EMERGENCY AND FIRST AID PROCEDURES:

SKIN contact: Remove from skin with dry towel, and then wash with soap.

EYE contact: Flush with flowing water for at least 15 minutes

INGESTION: Do not cause vomiting, Call physician !

SECTION VI - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: respirator

VENTILATION: normal industrial air circulation

SKIN PROTECTION: Plastic or rubber gloves

EYE PROTECTION: Safety glasses as a minimum

OTHER PROTECTIVE EQUIPMENT: normal clothing and shoes

Wash hands after handling

MATERIAL SAFETY DATA SHEET

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

IF MATERIAL IS SPILLED: Use absorbent powder and place in container.

Spilled product will cause floor to be VERY SLIPPERY

WASTE DISPOSAL METHOD: Licensed landfill or incinerator in accordance with local regulations.

HANDLING AND STORAGE: Keep container closed and upright when not in use. Store in cool place away from heat and flame.

AVOID SKIN AND EYE CONTACT. ENSURE THAT ALL CONTAINERS ARE PROPERLY LABELED TO PREVENT ACCIDENTIAL INGESTION OR IMPROPER DISPOSAL.--RESEAL PARTIALLY USED CONTAINERS.-WASH HANDS WITH SOAP AND WATER BEFORE EATING, DRINKING, OR USING TOILET FACILITIES. STORE IN COOL (<90F) DRY CONDITIONS, MAINTAIN CONDITIONS OF GOOD INDUSTRIAL PRACTICE-

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 his safe use of the product.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME (S): GT PRODUCTS GT-61E

CHEMICAL NAME OR CLASS: Silicone Emulsion

HAZARD CLASSIFICATION: None

MANUFACTURER'S NAME: GT products, inc.
ADDRESS: 501 Industrial Blvd.
Grapevine, TX 76051

PHONE: (817)-481-7113.

FAX: (817)-421-1211

SECTION I -- HAZARDOUS INGREDIENTS

<u>COMPONENT</u>	<u>%</u>	<u>ACGIH TLV CAS No.</u>
------------------	----------	--------------------------

None		All components are listed in the TSCA inventory
------	--	---

SECTION II - PHYSICAL AND CHEMICAL DATA

BOILING POINT: 100C

VAPOR PRESSURE: N/A

SPECIFIC GRAVITY: 1.00

EVAPORATION RATE: Water

SOLUBILITY IN WATER: Disperses

APPEARANCE AND ODOR: Pourable liquid, White, Soap-like odor

SECTION III - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD)*: > 150C

FLAMMABILITY CLASSIFICATION: None

EXTINGUISHING MEDIA: NA

(*) VALUE FOR MATERIAL OR LOWEST FLASH POINT INGREDIENT

GT-61E.DOC

8/28/97

1

MATERIAL SAFETY DATA SHEET

SECTION IV - REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: None

INCOMPATIBILITY (MATERIALS TO AVOID): None

HAZARDOUS DECOMPOSITION PRODUCTS: None

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: None

SECTION V - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY INHALATION ?:[N] SKIN ?:[Y] INGESTION ?:[Y]

HEALTH HAZARDS; ACUTE: none known.

CHRONIC: none known

CARCINOGENICITY NTP:[N] IARC MONOGRAPH:[N]

OSHA REGULATED:[N]

SIGNS AND SYMPTOMS OF EXPOSURE:

SKIN contact; exposure may cause irritation.

EYES contact; will cause irritation.

INGESTION; No adverse reaction expected (not a food grade product)

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known

EMERGENCY AND FIRST AID PROCEDURES:

SKIN contact: Remove from skin with dry towel, and then wash with soap.

EYE contact: Flush with flowing water for at least 15 minutes

INGESTION: Do not cause vomiting, Call physician !

SECTION VI - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: respirator

VENTILATION: normal industrial air circulation

SKIN PROTECTION: Plastic or rubber gloves

EYE PROTECTION: Safety glasses as a minimum

OTHER PROTECTIVE EQUIPMENT: normal clothing and shoes

Wash hands after handling

MATERIAL SAFETY DATA SHEET

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

IF MATERIAL IS SPILLED: Use absorbent powder and place in container.

Spilled product will cause floor to be VERY SLIPPERY

WASTE DISPOSAL METHOD: Licensed landfill or incinerator in accordance with local regulations.

HANDLING AND STORAGE: Keep container closed and upright when not in use. Store in cool place away from heat and flame.

AVOID SKIN AND EYE CONTACT. ENSURE THAT ALL CONTAINERS ARE PROPERLY LABELED TO PREVENT ACCIDENTIAL INGESTION OR IMPROPER DISPOSAL.--RESEAL PARTIALLY USED CONTAINERS.-WASH HANDS WITH SOAP AND WATER BEFORE EATING, DRINKING, OR USING TOILET FACILITIES. STORE IN COOL (<90F) DRY CONDITIONS, MAINTAIN CONDITIONS OF GOOD INDUSTRIAL PRACTICE-

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 his safe use of the product.

GT Products, Inc.
MATERIAL SAFETY DATA SHEET

PRODUCT

GT Products® DMF20cS+

1. PRODUCT AND COMPANY IDENTIFICATION

Manufactured by:

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

Telephone: (800) 221-0866
(817) 481-7113
Fax: (817) 421-1211
gtproducts.com

Date Prepared/Revised:

1 July 2005

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.

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.

GT Products

Flammability Limits in Air:	Not available.
Extinguishing Media:	All standard media for chemical fires.
Hazardous Combustion Products	CO, CO ₂ , SiO ₂ , H ₂ CO
Special Fire Fighting Notes:	Like all silicones, GT Products® X5239 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:	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).

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:	Exposure to light or heat. Keep tightly sealed to avoid contamination. Darkened material still retains most of its catalytic activity.

GT Products

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.