



MSDS Inks

GT Products, Inc.
MATERIAL SAFETY DATA SHEET

PRODUCT

GT Products® GT-5096 Ink

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:
Chemical Type/Description:

12 September 2003

by: MDG
Silicone Rubber Base (Ink)

2. HAZARDOUS INGREDIENTS

<u>Component</u>	<u>Approximate %</u>	<u>TLV/PEL</u>	<u>CAS Number</u>
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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)

GT Products

Flammability Class:	None.
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® GT-5096 Ink 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 (<40C) 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: Moderate viscosity fluid.
Color: Black.
Odor: Very slight.
Boiling Point: Will not boil.
Vapor Density (air = 1): There is negligible vapor pressure.
Specific Gravity: 1.0
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.

11. TOXICOLOGICAL INFORMATION

GT Products

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: This material or all of its contents are listed on the Toxic Substances Control Act (TSCA).
SARA TITLE III / CERCLA SECTION 302 EXTREMELY TOXIC: This material contains no Extremely Hazardous Substances (EHS).
SECTION 304 CERCLA HAZARD: This material contains no Extremely Hazardous Substances (EHS) and is not on the CERCLA list.
SECTION 311 / 312 HAZARD CLASS: This material does not meet any of the five hazard criteria and is not required to be included in Tier I or II reports.
SECTION 313 TOXIC CHEMICALS: This material and its contents are not listed or required to be included in any Toxic Chemical Release Inventory (TRI) reports.

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® X-5229 Ink

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:
Chemical Type/Description:

7 April 2005

by: MLD
Silicone Rubber Base (Ink)

2. HAZARDOUS INGREDIENTS

<u>Component</u>	<u>Approximate %</u>	<u>TLV/PEL</u>	<u>CAS Number</u>
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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)

GT Products

Flammability Class:	None.
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® GT-5096 Ink 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 (<105F) 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: White.
Odor: Very slight.
Boiling Point: Will not boil.
Vapor Density (air = 1): There is negligible vapor pressure.
Specific Gravity: 1.28
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.

11. TOXICOLOGICAL INFORMATION

GT Products

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: This material or all of its contents are listed on the Toxic Substances Control Act (TSCA).
SARA TITLE III / CERCLA SECTION 302 EXTREMELY TOXIC: This material contains no Extremely Hazardous Substances (EHS).
SECTION 304 CERCLA HAZARD: This material contains no Extremely Hazardous Substances (EHS) and is not on the CERCLA list.
SECTION 311 / 312 HAZARD CLASS: This material does not meet any of the five hazard criteria and is not required to be included in Tier I or II reports.
SECTION 313 TOXIC CHEMICALS: This material and its contents are not listed or required to be included in any Toxic Chemical Release Inventory (TRI) reports.

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GT Products, Inc.
MATERIAL SAFETY DATA SHEET

PRODUCT

GT Products® GT5240

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:
Chemical Type/Description:

26 January 2004

by: MDG
Decamethylcyclopentasiloxane

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: 2	REACTIVITY: 0	HEALTH: 1
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3. EFFECTS OF EXPOSURE

Potential Health Effects:

Ingestion: Low toxicity is expected, a likely laxative.
Skin Contact: May cause contact dermatitis on long exposure.
Inhalation: May cause slight irritation to mucous membranes and upper respiratory tract.
Eye Contact: May irritate.

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Seek medical attention.
Skin: Remove with dry towel, then wash with soap and water. Remove and wash contaminated clothing.
Eyes: Flush eyes for 15 minutes with running water. Do not rub eyes. Seek medical attention if irritation persists.
Inhalation: Remove to fresh air and provide oxygen if needed.
Other: None.

5. FIRE FIGHTING INFORMATION

Flash Point (Method): 170°F (Setaflash)
Flammability Class: Class III-A Combustible Liquid.
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® GT5240 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: Ground containers and all transfer equipment to prevent static build up.
Storage: Store in a well-ventilated area at temperatures below 85°F. Keep container tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Good general ventilation.
Personal Protective Equipment
Eyes: Chemical safety glasses with side shields.
Skin: Suitable protective clothing and rubber or plastic gloves.
Inhalation: Not normally required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Clear liquid.
Color: Colorless.
Odor: Odorless.
Boiling Point: 410°F, 210°C.
Vapor Density (air = 1): Not available.
Specific Gravity: 0.95.
Solubility in Water: None.

10. STABILITY AND REACTIVITY

Chemical Stability: Stable.
Hazardous Polymerization: Will not occur.

GT Products

Decomposition Products: Only in fire conditions, see section 5.

Materials to Avoid: None.

Conditions to Avoid: Heat, sparks, and flame.

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 if package is less than 119 gallons.

DOT HAZARD CLASS: Not regulated if package is less than 119 gallons.

UN/NA Number: Not regulated if package is less than 119 gallons.

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.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME(S): GT Products[©] **5253 ink (Blue)**

CHEMICAL NAME OR CLASS: Silicone Rubber Base

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>
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NONE

SECTION II - PHYSICAL AND CHEMICAL DATA

BOILING POINT: NA

VAPOR PRESSURE: <1(at 25C)

SPECIFIC GRAVITY: >1.0

EVAPORATION RATE: NA

SOLUBILITY IN WATER: not soluble

APPEARANCE AND ODOR: Blue Paste, Slight Odor

SECTION III - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT(METHOD):>150C (TCC)

FLAMMABILITY CLASSIFICATION: Combustible paste (will not support combustion)

EXTINGUISHING MEDIA: Use standard fire fighting techniques;
dry chemical, foam, carbon dioxide

X-5253 ink

1 of 3

Prepared: May 10, 2001, by: R.FORD for GT PRODUCTS, inc

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; NA

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

SECTION VI - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Not required

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 fire proof container.

AVOID SPARKS!

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 contact with eyes and prolonged skin contact.

AVOID SKIN AND EYE CONTACT. -AVOID BREATHING VAPORS, MIST, OR FUMES, ENSURE THAT ALL CONTAINERS ARE PROPERLY LABELED TO PREVENT ACCIDENTAL 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, AWAY FROM OPEN FLAMES. VENT CONTAINER IF NECESSARY TO RELIEVE INTERNAL PRESSURE. -AVOID CONTACT WITH ACIDIC, BASIC, AND OXIDIZING AGENTS-MAINTAIN CONDITIONS OF GOOD INDUSTRIAL PRACTICE-

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MATERIAL SAFETY DATA SHEET

PRODUCT NAME(S): GT Products[©] **5255 ink (Green)**

CHEMICAL NAME OR CLASS: Silicone Rubber Base

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>
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NONE

SECTION II - PHYSICAL AND CHEMICAL DATA

BOILING POINT: NA

VAPOR PRESSURE: <1(at 25C)

SPECIFIC GRAVITY: >1.0

EVAPORATION RATE: NA

SOLUBILITY IN WATER: not soluble

APPEARANCE AND ODOR: Green Paste, Slight Odor

SECTION III - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT(METHOD):>150C (TCC)

FLAMMABILITY CLASSIFICATION: Combustible paste (will not support combustion)

EXTINGUISHING MEDIA: Use standard fire fighting techniques;
dry chemical, foam, carbon dioxide

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; NA

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

SECTION VI - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Not required

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 fire proof container.

AVOID SPARKS!

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 contact with eyes and prolonged skin contact.

AVOID SKIN AND EYE CONTACT. -AVOID BREATHING VAPORS, MIST, OR FUMES, ENSURE THAT ALL CONTAINERS ARE PROPERLY LABELED TO PREVENT ACCIDENTAL 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, AWAY FROM OPEN FLAMES. VENT CONTAINER IF NECESSARY TO RELIEVE INTERNAL PRESSURE. -AVOID CONTACT WITH ACIDIC, BASIC, AND OXIDIZING AGENTS-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[®] **5256 ink (Red)**

CHEMICAL NAME OR CLASS: Silicone Rubber Base

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>
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NONE

SECTION II - PHYSICAL AND CHEMICAL DATA

BOILING POINT: NA

VAPOR PRESSURE: <1(at 25C)

SPECIFIC GRAVITY: >1.0

EVAPORATION RATE: NA

SOLUBILITY IN WATER: not soluble

APPEARANCE AND ODOR: Red Paste, Slight Odor

SECTION III - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT(METHOD):>150C (TCC)

FLAMMABILITY CLASSIFICATION: Combustible paste (will not support combustion)

EXTINGUISHING MEDIA: Use standard fire fighting techniques;
dry chemical, foam, carbon dioxide

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; NA

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

SECTION VI - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Not required

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 fire proof container.

AVOID SPARKS!

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 contact with eyes and prolonged skin contact.

AVOID SKIN AND EYE CONTACT. -AVOID BREATHING VAPORS, MIST, OR FUMES, ENSURE THAT ALL CONTAINERS ARE PROPERLY LABELED TO PREVENT ACCIDENTAL 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, AWAY FROM OPEN FLAMES. VENT CONTAINER IF NECESSARY TO RELIEVE INTERNAL PRESSURE. -AVOID CONTACT WITH ACIDIC, BASIC, AND OXIDIZING AGENTS-MAINTAIN CONDITIONS OF GOOD INDUSTRIAL PRACTICE-

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MATERIAL SAFETY DATA SHEET

PRODUCT NAME(S): GT Products[®] **5301 Yellow Ink**

CHEMICAL NAME OR CLASS: Silicone Rubber Base

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</u>	<u>CAS No.</u>
DECAMETHYLCYCLOPENTASILOXANE	10 - 15	5 PPM	541-02-6

SECTION II - PHYSICAL AND CHEMICAL DATA

BOILING POINT: NA
VAPOR PRESSURE: <1(at 25C)
SPECIFIC GRAVITY: >1.0
EVAPORATION RATE: NA
SOLUBILITY IN WATER: not soluble
APPEARANCE AND ODOR: Yellow Paste, Slight Odor

SECTION III - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT(METHOD):>150C (TCC)
FLAMMABILITY CLASSIFICATION: Combustible paste (will not support combustion)
EXTINGUISHING MEDIA: Use standard fire fighting techniques;
dry chemical, foam, carbon dioxide

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; NA

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

SECTION VI - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Not required

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 fire proof container. AVOID SPARKS!

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 contact with eyes and prolonged skin contact.

AVOID SKIN AND EYE CONTACT. -AVOID BREATHING VAPORS, MIST, OR FUMES, ENSURE THAT ALL CONTAINERS ARE PROPERLY LABELED TO PREVENT ACCIDENTAL 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, AWAY FROM OPEN FLAMES. VENT CONTAINER IF NECESSARY TO RELIEVE INTERNAL PRESSURE. -AVOID CONTACT WITH ACIDIC, BASIC, AND OXIDIZING AGENTS-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® CX5301
Silicone Ink Drier

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:

9 December 2003

Chemical Type/Description:

by: MDG
Silicone Ink Drier

2. HAZARDOUS INGREDIENTS

<u>Component</u>	<u>% (Approx.)</u>	<u>TLV (ppm)</u>	<u>CAS No.</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: Very low toxicity expected. A likely laxative.
Skin Contact: May cause contact dermatitis on long exposure.
Inhalation: None expected due to very 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: Not applicable.

5. FIRE FIGHTING INFORMATION

GT Products

Flash Point (Method): >205°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® CX5301 can produce formaldehyde when strongly heated in air. GT Products CX5301 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 (< 85°F), 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 low viscosity liquid.
Color: Colorless.
Odor: Very slight.
Boiling Point: > 175°C.
Vapor Density: >> Air, but vapor pressure is low.
Specific Gravity: 0.98.
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.
Materials to Avoid: Acids, bases, oxidizing agents.
Conditions to Avoid: Keep tightly sealed to avoid contamination. This material contains silicone hydrides. In contact with acids, bases (particularly), or oxidizing agents, GT Products CX5301 can release hydrogen gas as

GT Products

the silicone hydrides react with the contaminants. Storage in the original container, in a cool dry place will avoid problems.

11. TOXICOLOGICAL INFORMATION

No additional information is available. See sections 2 and 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: 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 MSDS. 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® X-5512

1. PRODUCT AND COMPANY IDENTIFICATION

Manufactured by:

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

Telephone: (817) 481-7113
Fax: (817) 421-1211

Date prepared: 8/07/00

by: DRM

Chemical Type /Description:

Silicone Ink Base

2. HAZARDOUS INGREDIENTS

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: Low toxicity.

Skin Contact: Mildly irritating, long contact may cause dermatitis.

Inhalation: NA

Eye Contact: May irritate.

4. FIRST AID MEASURES

Ingestion: Get prompt medical attention.

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: NA

Other: NA

5. FIRE FIGHTING INFORMATION

Flash Point (Method): >150C (PMCC)

Flammability Class: None

GT Products

Flammability Limits in Air: NA
Extinguishing Media: All standard media for chemical fires.
Hazardous Combustion Products CO, CO₂, SiO₂
Special Fire Fighting Notes: None

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 (<40C) closed and dry containers. The material will separate on standing.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Good general ventilation.

Personal Protective Equipment

Eyes: Safety glasses.
Skin: Rubber or plastic gloves as desired.
Inhalation: NA

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Flowable paste.
Color: Silver
Odor: Slight
Boiling Point: NA
Vapor Density (air = 1): NA
Specific Gravity: 1.3
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: Water, acids, alkali adversely affect product quality.
Conditions to Avoid: None

11. TOXICOLOGICAL INFORMATION

See section 3.

GT Products

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: Listed

SARA TITTLE III / CERCLA

SECTION 302 EXTREMELY TOXIC: No
SECTION 304 CERCLA HAZARD: No
SECTION 311 / 312 HAZARD CLASS: No
SECTION 313 TOXIC CHEMICALS: No

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® X-5641 Black Ink

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:
Chemical Type/Description:

11 July 2003

by: MDG
Silicone Ink

2. HAZARDOUS INGREDIENTS

<u>Component</u>	<u>Approximate %</u>	<u>TLV/PEL</u>	<u>CAS Number</u>
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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
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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): >205°F (Setaflash)

GT Products

Flammability Class:	None.
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® X-5641 Black Ink 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 (<40C) 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:	Black.
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.

11. TOXICOLOGICAL INFORMATION

GT Products

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: This material or all of its contents are listed on the Toxic Substances Control Act (TSCA).
SARA TITTLE III / CERCLA
SECTION 302 EXTREMELY TOXIC: This material contains no Extremely Hazardous Substances (EHS).
SECTION 304 CERCLA HAZARD: This material contains no Extremely Hazardous Substances (EHS) and is not on the CERCLA list.
SECTION 311 / 312 HAZARD CLASS: This material does not meet any of the five hazard criteria and is not required to be included in Tier I or II reports.
SECTION 313 TOXIC CHEMICALS: This material and its contents are not listed or required to be included in any Toxic Chemical Release Inventory (TRI) reports.

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® CX-5641
Silicone Ink Drier

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:
Chemical Type/Description:

11 July 2003

by: MDG
Silicone Ink Drier

2. HAZARDOUS INGREDIENTS

<u>Component</u>	<u>% (Approx.)</u>	<u>TLV (ppm)</u>	<u>CAS No.</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: Very low toxicity expected. A likely laxative.
Skin Contact: May cause contact dermatitis on long exposure.
Inhalation: None expected due to very 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: Not applicable.

5. FIRE FIGHTING INFORMATION

Flash Point (Method): >205°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® CX-5641 can produce formaldehyde when strongly heated in air. GT Products CX-5641 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 (< 85°F), 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 low viscosity liquid.
Color: Colorless.
Odor: Very slight.
Boiling Point: > 175°C.
Vapor Density (air = 1): > 5, but vapor pressure is very low.
Specific Gravity: 0.98
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.
Materials to Avoid: Acids, bases, oxidizing agents.

GT Products

Conditions to Avoid: Keep tightly sealed to avoid contamination. This material contains silicone hydrides. In contact with acids, bases (particularly), or oxidizing agents, GT Products CX-5641 can release hydrogen gas as the silicone hydrides react with the contaminants. Storage in the original container, in a cool dry place will avoid problems.

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

SARA TITLE III / CERCLA

SECTION 302 EXTREMELY TOXIC: This material contains no Extremely Hazardous Substances (EHS).

SECTION 304 CERCLA HAZARD: This material contains no Extremely Hazardous Substances (EHS) and is not on the CERCLA list.

SECTION 311 / 312 HAZARD CLASS: This material does not meet any of the five hazard criteria and is not required to be included in Tier I or II reports..

SECTION 313 TOXIC CHEMICALS: This material and its contents are not listed or required to be included in any Toxic Chemical Release Inventory (TRI) reports.

16. OTHER INFORMATION

We believe the above information is correct as of the date of this MSDS. 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® 5785 White Ink

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:

10 December 2003

by: MDG
Silicone Ink

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
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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): > 205°F

GT Products

Flammability Class:	None.
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® GT5785 White 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 (<40C) 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:	White.
Odor:	Very slight.
Boiling Point:	Will not boil.
Vapor Density:	>> Air, but vapor pressure is very low.
Specific Gravity:	1.04
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.

11. TOXICOLOGICAL INFORMATION

GT Products

No additional information is available. See section 2 and 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: 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® CX5785
Silicone Ink Drier

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:

9 December 2003

Chemical Type/Description:

by: MDG
Silicone Ink Drier

2. HAZARDOUS INGREDIENTS

<u>Component</u>	<u>% (Approx.)</u>	<u>TLV (ppm)</u>	<u>CAS No.</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: Very low toxicity expected. A likely laxative.
Skin Contact: May cause contact dermatitis on long exposure.
Inhalation: None expected due to very 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: Not applicable.

5. FIRE FIGHTING INFORMATION

GT Products

Flash Point (Method):	>205°F (Setaflash)
Flammability Class:	None.
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® CX5785 can produce formaldehyde when strongly heated in air. GT Products CX5785 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 (< 85°F), 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 low viscosity liquid.
Color: Colorless.
Odor: Very slight.
Boiling Point: > 175°C.
Vapor Density: >> Air, but vapor pressure is low.
Specific Gravity: 0.98.
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.
Materials to Avoid: Acids, bases, oxidizing agents.
Conditions to Avoid: Keep tightly sealed to avoid contamination. This material contains silicone hydrides. In contact with acids, bases (particularly), or oxidizing agents, GT Products CX5785 can release hydrogen gas as

GT Products

the silicone hydrides react with the contaminants. Storage in the original container, in a cool dry place will avoid problems.

11. TOXICOLOGICAL INFORMATION

No additional information is available. See sections 2 and 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: 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 MSDS. 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.

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT INFORMATION

PRODUCT NAME(S): **GT Products[®]SILICONE-INK DRIER**

CHEMICAL NAME OR CLASS: Liquid silicone rubber compound

MANUFACTURER:

GT PRODUCTS INC. PHONE NO: (817)-481-7113
501 INDUSTRIAL BLVD. FAX NO: (817)-421-1211
GRAPEVINE, TX 76051

DATE OF PREPARATION : 8/11/00 BY: DRM

HMIS CODES: HAZARD RATINGS:

		4 = SEVERE
HEALTH :	1	3 = SERIOUS
FLAMMABILITY:	0	2 = MODERATE
REACTIVITY:	1	1 = SLIGHT
		0 = MINIMAL

SECTION II -- HAZARDOUS INGREDIENTS

COMPONENT	AMOUNT*	TLV	CAS NO.
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Proprietary mixture of non-hazardous organopolysiloxanes.

SECTION III - PHYSICAL AND CHEMICAL DATA

BOILING POINT: non-volatile
VAPOR PRESSURE: nil
SPECIFIC GRAVITY: 0.95 - 0.98
MELTING POINT: NA
EVAPORATION RATE: nil
SOLUBILITY IN WATER: none
APPEARANCE AND ODOR: flowable liquid; odorless

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD)*: >150C (TCC)

FLAMMABILITY CLASSIFICATION: combustible (will not support combustion)

EXTINGUISHING MEDIA: Use standard fire fighting techniques; water, dry chemical, foam

(*) VALUE FOR MATERIAL OR LOWEST FLASH POINT INGREDIENT

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

EYES: May cause some irritation.

SKIN: May cause some irritation, no significant effect.

INGESTION: No information available

INHALATION: NA

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Immediately flush with running water for a least 15 min.

SKIN: Remove paste with dry cloth or paper towel: wash
Exposed area with soap and water.

INGESTION: Do not induce vomiting. Call physician

INHALATION: NA

SECTION VI - REACTIVITY DATA

STABILITY: Unstable

INCOMPATIBILITY: Avoid contact with acidic, basic, and oxidizing materials.

HAZARDOUS DECOMPOSITION PRODUCTS: Small amounts of flammable hydrogen gas.

SECTION VII - SPILL OR LEAK PROCEDURES

IF MATERIAL IS SPILLED: Scrape up with any convenient tool and place in container.

WASTE DISPOSAL METHOD: Licensed landfill or incinerator.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: not needed
VENTILATION: normal industrial air circulation
SKIN PROTECTION: Plastic or rubber gloves
EYE PROTECTION: Safety glasses with side shields
OTHER PROTECTIVE EQUIPMENT: normal clothing and shoes

SECTION IX - SPECIAL PRECAUTIONS:

--AVOID SKIN AND EYE CONTACT.
--AVOID BREATHING VAPORS, MIST, OR FUMES.
--ENSURE THAT ALL CONTAINERS ARE PROPERLY LABELLED TO PREVENT ACCIDENTAL 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, AWAY FROM OPEN FLAMES.
--VENT CONTAINER IF NECESSARY TO RELIEVE INTERNAL PRESSURE.
--AVOID CONTACT WITH ACIDIC, BASIC, AND OXIDIZING AGENTS.
--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.