

GT Products, Inc.
SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION

TRADE NAME: GT-5736
OTHER MEANS OF IDENTIFICATION:
RECOMMENDED USE OF PRODUCT: Condensation Cure Base
SUPPLIER'S DETAILS: GT Products, Inc.
501 Industrial Blvd.
Grapevine, TX 76051
Telephone: (800) 221-0866
(817) 481-7113
Fax: (817) 421-1211

EMERGENCY CONTACT: CHEMTREC (24 Hours):1-800-424-9300

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION

PHYSICAL HAZARDS Not Classified
HEALTH HAZARDS Reproductive Toxicity – Category 2
ENVIRONMENTAL HAZARDS Not Classified

GHS LABEL ELEMENTS

PICTOGRAMS



SIGNAL WORDS Warning
HAZARD STATEMENTS H361: Suspected of damaging fertility
PRECAUTIONARY STATEMENTS [PREVENTION] P201: Obtain special instructions before use
P202: Do not handle until all safety precautions have been read and understood
P281: Use personal protective equipment as required
[RESPONSE] P308+313: IF exposed or concerned: Get medical advice/attention

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6. ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS,
PROTECTIVE EQUIPMENT AND
EMERGENCY:** Safety glasses and gloves are suggested to prevent eye and skin contact. Provide sufficient ventilation.

**ENVIRONMENTAL
PRECAUTIONS:** Prevent product from entering drains.

CLEAN UP: Scrape up and disposed of in accordance with appropriate laws and regulations.

7. HANDLING AND STORAGE

HANDLING: Wear protective equipment; Avoid contact with skin and eyes.

STORAGE: Keep container tightly closed. Store in a cool, dry place. Keep away from oxidizing material. Store locked up

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

EXPOSURE LIMITS:

| <i>Hazardous Ingredient</i> | <i>CAS#</i> | <i>Limit/Set by</i> |
|--|-------------|---------------------|
| Octamethylcyclotetrasiloxane | 556-67-2 | Not established. |
| Polydimethyl(methylvinyl)siloxane, hydroxyl terminated | 67923-19-7 | Not established. |

ENGINEERING CONTROLS: None Available

**PERSONAL PROTECTIVE
EQUIPMENT:**

RESPIRATORY PROTECTION: Not required under normal use

HAND PROTECTION Protective gloves

EYE PROTECTION Wear safety glasses or goggles. Face shield if situation requires

SKIN AND BODY PROTECTION Protective clothing if situation requires

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Flowable Paste

ODOR: No Odor

ODOR THRESHOLD: Not Available

pH: Not Available

MELTING POINT: Not Available

BOILING POINT RANGE: Not Applicable, will decompose before it will boil

FLASH POINT: >205°F (Setaflash)

EVAPORATION RATE: Not Available

FLAMMABILITY(solid/gas): Not Available

EXPLOSION LIMITS:

UPPER Not Available

LOWER Not Available

VAPOR PRESSURE: Not Available

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| | |
|--|--------------------------------|
| VAPOR DENSITY: | All vapors are denser than air |
| RELATIVE DENSITY: | 1.1 g/mL |
| SOLUBILITY: | Not soluble in water |
| PARTITION COEFFICIENT: N-OCTANOL/WATER: | Not Available |
| AUTO-IGNITION TEMPERATURE: | Not Available |
| DECOMPOSITION TEMPERATURE: | > 150°C |
| VISCOSITY: | 30,000 - 50,000 cS |

10. STABILITY AND REACTIVITY

| | |
|--|---|
| REACTIVITY: | Product is designed to react with a catalyst to initiate vulcanization. |
| CHEMICAL STABILITY: | Stable in the absence of contamination |
| HAZARDOUS REACTIONS: | None |
| CONDITIONS TO AVOID: | Avoid contact with strong acids, alkalis, and oxidizing agents. |
| HAZARDOUS DECOMPOSITION PRODUCTS: | Hazardous combustion gases of carbon dioxide(CO ₂), carbon monoxide(CO), SiO ₂ , and oxides of nitrogen (NO _x). Product contains silicone, which is known to produce formaldehyde when temperatures reach in excess of 150°C. Formaldehyde is a known skin, eye, and throat irritant as well as a potential cancer hazard |
| INCOMPATIBILITY: | Acids, Alkalis, Oxidizing Agents |

11. TOXICOLOGICAL INFORMATION

| | |
|---|--|
| ACUTE TOXICITY: | Oral – LD ₅₀ (Rat): >10,000 mg/kg (calculated from known toxicities) |
| SKIN CORROSION/IRRITATION: | Not Available |
| EYE DAMAGE/IRRITATION: | Not Available |
| RESPIRATORY OR SKIN SENSITIZATION: | Not Available |
| GERM CELL MUTAGENICITY: | Not Available |
| CARCINOGENICITY: | Contains no known carcinogens |
| REPRODUCTIVE TOXICITY: | Octamethylcyclotetrasiloxane is suspected of damaging fertility. A two year combined chronic/carcinogenicity assay was conducted on octamethylcyclotetrasiloxane (D4). Fischer-344 rats were exposed by whole body vapor inhalation 6hr/day, 5 days/week for up to 103 weeks to 0, 10,30, 150 or 700ppm of D4. A statistically significant increase in incidence of uterine endometrial cell hyperplasia and uterine adenomas (benign tumors) were observed in female rats at 700ppm. Since these effects only occurred at 700ppm, a level that greatly exceeds typical workplace or consumer exposure, it is unlikely that industrial, commercial or consumer use of products containing D4 would result in a significant risk to humans. |
| STOST- SINGLE EXPOSURE: | Not Available |
| STOST- REPEATED EXPOSURE: | Not Available |
| ASPIRATION HAZARD: | Not Available |

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12. ECOLOGICAL INFORMATION

ECOTOXICITY: Do not allow to enter soil, waterways or waste water canal. It is not allowed to be released into biological sewage treatment plants. Ecological data is not available.

PERSISTENCE/DEGRADABILITY: Not Available

BIOACCUMULATIVE POTENTIAL: Not Available

MOBILITY IN SOIL: Not Available

13. DISPOSAL CONSIDERATIONS

Recycle to process, if possible. Consult your local regional authorities. You may be able to burn in a chemical incinerator equipped with an afterburner and scrubber system. Observe all federal, state and local regulations when disposing of the substance.

14. TRANSPORT INFORMATION

UN/NA Number: Not Regulated

DOT SHIPPING NAME: Not Regulated

DOT HAZARD CLASS: Not Regulated

IMDG – P.S.N.: Not Regulated

IMDG – CLASS: Not Regulated

IMDG – PACKING GROUP: Not Regulated

IMDG – Marine Pollutant: Not Regulated

IATA - P.S.N.: Not Regulated

IATA - CLASS: Not Regulated

IATA – PACKING GROUP: Not Regulated

This product and its ingredients are NOT considered dangerous goods according to the **UN Model Regulations, ADR, RID, and the ADN.**

15. REGULATORY INFORMATION

US REGULATIONS

US SARA REPORTING REQUIREMENTS: The components of this product are subject to the reporting requirements of Section 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act, and are listed as follows:

| <i>Hazardous Ingredient</i> | <i>SARA 302 (40 CFR 355, Appendix A)</i> | <i>SARA 304 (40 CFR Table 302.4)</i> | <i>SARA 313 (40 CFR 372.65)</i> |
|--|--|--|-------------------------------------|
| Octamethylcyclotetrasiloxane | No | No | No |
| Polydimethyl(methyl vinyl)siloxane, hydroxyl terminated | No | No | No |

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U.S. SARA THRESHOLD PLANNING QUANTITY: There are no specific Threshold Planning Quantities for the components of this product. The default Federal MSDS submission and inventory requirement filing threshold of 10,000 lbs(4,540 kg) therefore applies, per 40 CFR 370.20

U.S. CERCLA REPORTABLE QUANTITY (RQ): None

SARA 311/312(40 CFR 370) HAZARDS: Acute: No, Chronic: Yes, Fire: No, Pressure: No

CALIFORNIA, (PROPOSITION 65): None

TSCA INVENTORY STATUS: These materials or all of their contents are listed on the Toxic Substances Control Act (TSCA).

CANADIAN DSL/NDSL INVENTORY: The components of this product are on the DSL or NDSL Inventories.

AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES(AICS) STATUS: The components of this product are listed on the AICS

KOREAN INVENTORY: The components of this product are listed or exempted.

16. OTHER INFORMATION

Because the product is a mixture, the majority of the data used was transferred from the safety data sheets of the product's hazardous ingredients, whose manufacturer identity we wish to remain anonymous for competitive reasons.

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.

Date Created/Revised: 12/07/15

Made By: Daniel Shaw

GT Products, Inc.
SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION

TRADE NAME: CA-5736
OTHER MEANS OF IDENTIFICATION:
RECOMMENDED USE OF PRODUCT: Curing catalyst for condensation base
SUPPLIER'S DETAILS: GT Products, Inc.
501 Industrial Blvd.
Grapevine, TX 76051
Telephone: (800) 221-0866
(817) 481-7113
Fax: (817) 421-1211

EMERGENCY CONTACT: CHEMTREC: (800) 424-9300

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION

PHYSICAL HAZARDS Flammable - Category 3
HEALTH HAZARDS Acute Toxicity, Oral – Category 5
STOT, Single Exposure – Category 3 (Respiratory)
ENVIRONMENTAL HAZARDS Not Classified

GHS LABEL ELEMENTS

PICTOGRAMS



SIGNAL WORDS Warning
HAZARD STATEMENTS H226: Flammable liquid and vapour
H303: May be harmful if swallowed
H335: May cause respiratory irritation

PRECAUTIONARY STATEMENTS
[PREVENTION]

P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking
P233: Keep container tightly closed

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P240: Ground/bond container and receiving equipment

P241: Use explosion-proof electrical/ventilating/light/.../equipment

P242: Use only non-sparking tools

P243: Take precautionary measures against static discharge

P261: Avoid breathing dust/fume/gas/mist/vapours/spray

P264: Wash hands thoroughly after handling

P270: Do not eat, drink or smoke when using this product

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P312: Call a POISON CENTER or doctor/physician if you feel unwell

P370+378: In case of fire, use an Class ABC dry extinguisher for extinction

P303+361+353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

P403: Store in a well ventilated place

P405: Store locked up

P501-Dispose of contents/container through a waste management company authorized by the local government.

[RESPONSE]

[STORAGE]

[DISPOSAL]

3. COMPOSITION AND INFORMATION ON INGREDIENTS

| Substance or Mixture | Mixture | |
|---------------------------------|----------------|-----------------------|
| <i>Hazardous Ingredients</i> | <i>CAS#</i> | <i>Percentage (%)</i> |
| Ethyl Polysilicates | 11099-06-2 | 35-40 |
| Tetraethyl silicate | 78-10-4 | 10-15 |
| Dimethyldineodecanoatetin | 68928-76-7 | 2-7 |
| Ethanol (decomposition product) | 64-17-5 | <2 |

4. FIRST AID MEASURES

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| | |
|-------------------------------------|--|
| INGESTION: | Rinse with water. If swallowed: Call a poison center or doctor/physican if you fell unwell. Never give anything by mouth to an unconscious person. |
| SKIN CONTACT: | Remove contaminated clothing immediately and dispose of safely. When in contact with the skin, clean with soap and water. |
| INHALATION: | Remove to fresh air. If breathing is difficult, give oxygen. Call a physician if symptoms develop or persist. |
| EYE CONTACT: | Immediately flush with COOL water for 15 minutes; Call a physician if irritation persists. |
| PROTECTION FOR FIRST-AIDERS: | A rescuer should wear personal protective equipment, such as rubber gloves and air-tight goggles |

5. FIRE-FIGHTING MEASURES

| | |
|--------------------------------------|---|
| SUITABLE EXTINGUISHING MEDIA: | Foam, Carbon Dioxide, Dry Chemical |
| SPECIFIC FIRE HAZARDS: | Fire will form hazardous combustion gases of Carbon dioxide(CO ₂), Carbon Monoxide(CO), and Nitrogen Oxides(NO _x) Product contains silicone, which is known to produce formaldehyde and benzene when temperatures reach in excess of 150°C. Formaldehyde is a known skin, eye, and throat irritant as well as a potential cancer hazard |
| FIREFIGHTER EQUIPMENT: | Do not breathe in fumes. Wear respirator and all protective coverings. |

6. ACCIDENTAL RELEASE MEASURES

| | |
|---|---|
| PERSONAL PRECATIONS, PROTECTIVE EQUIPMENT AND EMERGENCY: | Keep unnecessary personnel out of the way. Eliminate all ignition sources. Safety glasses and gloves are suggested to prevent eye and skin contact. Provide sufficient ventilation. |
| ENVIRONMENTAL PRECAUTIONS: | Prevent product from entering drains. |
| CLEAN UP: | Absorb spilled material with suitable absorbent (e.g. rag, dry sand, clay absorbent) and disposed of, in accordance with appropriate laws and regulations. |

7. HANDLING AND STORAGE

| | |
|------------------|---|
| HANDLING: | Wear protective equipment; Use in a well-ventilated area; Avoid contact with skin and eyes. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Use explosion-proof electrical/ventilating/light/.../equipment. |
| STORAGE: | Keep container tightly closed. Store in a cool, dry place. Keep away from oxidizing material. |

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

EXPOSURE LIMITS:

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| <i>Hazardous Ingredient</i> | <i>CAS#</i> | <i>Limit/Set by</i> |
|--------------------------------|-------------|-----------------------------|
| Ethanol; decomposition product | 64-17-5 | 1000 ppm 8hr TWA *PEL/ OSHA |
| Tetraethyl silicate | 78-10-4 | 10ppm TWA /ACGIH |

**PEL/OSHA = Permissible Exposure Limit/ Occupational Safety and Health Administration*

ENGINEERING CONTROLS: Install a closed system or local exhaust as possible so that workers should not be exposed directly. Also install safety shower and eye bath

PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY PROTECTION: Vapor respirator. Follow local and national regulations.
HAND PROTECTION Protective gloves
EYE PROTECTION Wear safety glasses or goggles. Face shield if situation requires
SKIN AND BODY PROTECTION Protective clothing if situation requires

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
ODOR: Characteristic ester odor
ODOR THRESHOLD: Not Available
pH: Not Available
MELTING POINT: Not Available
BOILING POINT RANGE: Not Applicable, will decompose before it will boil
FLASH POINT: >75°F
EVAPORATION RATE: Not Available
FLAMMABILITY(solid/gas): Not Available
EXPLOSION LIMITS:
UPPER Not Available
LOWER Not Available
VAPOR PRESSURE: Not Available
VAPOR DENSITY: All vapors are denser than air
RELATIVE DENSITY: 1.0 g/mL
SOLUBILITY: Not soluble in water
PARTITION COEFFICIENT: N-OCTANOL/WATER: Not Available
AUTO-IGNITION TEMPERATURE: Not Available
DECOMPOSITION TEMPERATURE: >150°C
VISCOSITY: 50-100cP

10. STABILITY AND REACTIVITY

REACTIVITY: Product is designed to react with a silanol-containing base in the presence of moisture and cure. Will react with the moisture in the air and harden if left uncapped.

CHEMICAL STABILITY: Stable in the absence of contamination or moisture

HAZARDOUS REACTIONS: Upon contact with water, the product will release methanol, which have some health ramifications associated with it. SEE TOXICOLOGICAL INFORMATION.

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|--|---|
| CONDITIONS TO AVOID: | Avoid contact with water and strong acid. Keep away from sources of heat as well as sources of ignition |
| HAZARDOUS DECOMPOSITION PRODUCTS: | Hazardous combustion gases of Carbon dioxide(CO ₂), Carbon Monoxide(CO), and Nitrogen Oxides(NO _x) Product contains silicone, which is known to produce formaldehyde and benzene when temperatures reach in excess of 150°C. Formaldehyde is a known skin, eye, and throat irritant as well as a potential cancer hazard. Benzene is a known carcinogen. |
| INCOMPATIBILITY: | Water, acids, alkalis, iron, may react violently with electrophiles such as ferric chloride |

11. TOXICOLOGICAL INFORMATION

| | |
|---|--|
| ACUTE TOXICITY: | Calculated from known values for mixture: Oral – LD ₅₀ (Rat): >2600mg/kg |
| SKIN CORROSION/IRRITATION: | Not Available |
| EYE DAMAGE/IRRITATION: | Not Available |
| RESPIRATORY OR SKIN SENSITATION: | Not Available |
| GERM CELL MUTAGENICITY: | Not Available |
| CARCINOGENICITY: | Not Available |
| REPRODUCTIVE TOXICITY: | Not Available |
| STOST- SINGLE EXPOSURE: | Not Available |
| STOST- REPEATED EXPOSURE: | Not Available |
| ASPIRATION HAZARD: | Not Available |

12. ECOLOGICAL INFORMATION

| | |
|-----------------------------------|---|
| ECOTOXICITY: | Do not allow to enter soil, waterways or waste water canal. It is not allowed to be released into biological sewage treatment plants. Ecological data is not available. |
| PERSISTENCE/DEGRADABILITY: | Not Available |
| BIOACCUMULATIVE POTENTIAL: | Not Available |
| MOBILITY IN SOIL: | Not Available |

13. DISPOSAL CONSIDERATIONS

Recycle to process, if possible. Consult your local regional authorities. You may be able to burn in a chemical incinerator equipped with an afterburner and scrubber system. Observe all federal, state and local regulations when disposing of the substance.

14. TRANSPORT INFORMATION

| | |
|---------------------------|---|
| UN/NA Number: | UN1993. |
| DOT SHIPPING NAME: | “FLAMMABLE LIQUID N.O.S. – Silicone Mixture Contains Ethanol” |
| DOT HAZARD CLASS: | Flammable Liquid. |

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| | |
|---------------------------------|-----------------------------------|
| IMDG – P.S.N.: | FLAMMABLE LIQUID N.O.S. (Ethanol) |
| IMDG – CLASS: | Class 3 |
| IMDG – PACKING GROUP: | PGIII |
| IMDG – Marine Pollutant: | No |
| IATA - P.S.N.: | FLAMMABLE LIQUID N.O.S. (Ethanol) |
| IATA - CLASS: | Class 3 |
| IATA – PACKING GROUP: | PGIII |

This product and its ingredients are NOT considered dangerous goods according to the **UN Model Regulations, ADR, RID, and the ADN.**

15. REGULATORY INFORMATION

US REGULATIONS

US SARA REPORTING REQUIREMENTS: The components of this product are subject to the reporting requirements of Section 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act, and are listed as follows:

| <i>Hazardous Ingredient</i> | <i>SARA 302 (40 CFR 355, Appendix A)</i> | <i>SARA 304 (40 CFR Table 302.4)</i> | <i>SARA 313 (40 CFR 372.65)</i> |
|---------------------------------|--|--|-------------------------------------|
| Ethyl Polysilicates | No | No | No |
| Tetraethyl silicate | No | No | No |
| Dimethyldineodecanoatetin | No | No | No |
| Ethanol (decomposition product) | No | No | No |

U.S. SARA THRESHOLD PLANNING QUANTITY: There are no specific Threshold Planning Quantities for the components of this product. The default Federal MSDS submission and inventory requirement filing threshold of 10,000 lbs(4,540 kg) therefore applies, per 40 CFR 370.20

U.S. CERCLA REPORTABLE QUANTITY (RQ): None

SARA 311/312(40 CFR 370) HAZARDS: Acute: Yes, Chronic: Yes, Fire: Yes, Pressure: No

CALIFORNIA, (PROPOSITION 65): Neither this product nor its ingredients are listed

TSCA INVENTORY STATUS: These materials or all of their contents are listed on the Toxic Substances Control Act (TSCA).

CANADIAN DSL/NDSL INVENTORY: The components of this product are on the DSL or NDSL Inventories.

AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES(AICS) STATUS: The components of this product are listed on the AICS except: None

16. OTHER INFORMATION

Because the product is a mixture, the majority of the data used was transferred from the safety data sheets of the product's hazardous ingredients, whose manufacturer identity we wish to remain anonymous for competitive reasons.

Section 8 *Exposure Limits* attained from www.osha.gov.

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.

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Date Created/Revised: 12/07/15

Made By: Daniel Shaw