



# GT 4111 Dielectric Compound

## GT Products<sup>®</sup> 4111

GT Products<sup>®</sup> 4111 is a grease-like silicone compound containing a silicone fluid thickened with silica filler. GT Products<sup>®</sup> 4111 will retain its properties over a wide temperature range; (-40 to +400°F). It does not melt.

GT Products<sup>®</sup> 4111 exhibits excellent dielectric properties resists oxidation, is non-toxic, and is water resistant.

### Properties

Physical Form:	viscous silicone paste
Color:	white, translucent
Penetration:	250 - 350
Bleed: (2 hr, 200°C)	0.50% Max
Evaporation: (2 hr, 200°C)	2.50% Max
Service temperature	-40 - +400°F
Melting Point	none
Specific Gravity, (25°C)	1.0



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# GT 2AF

## Silicone AntiFoam

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### GT2 AF Silicone Antifoam

GT 2AF is a compound based on a dimethylpolysiloxane oil. It is recommended for use in various types of media in every industry where foam is a problem.

GT 2AF is readily dispersed in Aliphatic, Aromatic, and Chlorinated Hydrocarbons.

#### Typical Properties:

Chemical Description: Compound based in dimethylpolysiloxane.

Active %: 100

Color: Translucent

Specific Gravity: 1.0 (Approximately)

Flash Point: 500°F min.

#### Packaging:

GT 2AF is available in 400 pound 55 gallon drums or 40 pound 5 gallon pails.

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# **XE 5738**

## **Architectural Coating**

### Architectural Coating

GT Products XE 5738 is a odorless reactive siloxane polymer emulsion designed for architectural coating applications to impart water repellency and stain resistance.

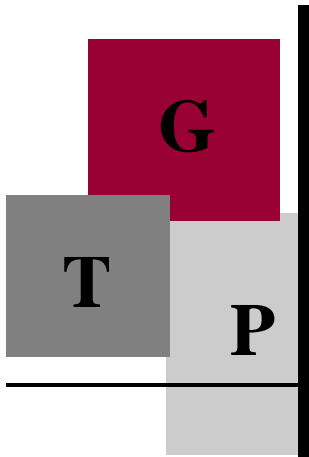
#### **Typical Properties:**

Diluent :	Water.
Solids Content:	12 -16 %
Color:	Off White
Specific Gravity:	0.99 (Approximately)
Emulsification Type:	Cationic
Viscosity:	Brookfield viscosity #1@100 = 20 cs
Ph Level:	8 -11

#### **Application:**

XE 5738 is a one component system designed to be used as received. When coating substrates with varying degrees of absorption, it is recommended that a light second coat be applied.

Each user bears the full responsibility for making its own determination as to the suitability of Supplier's materials, products, services, recommendations or advice for its own particular purpose. Each user must identify and perform tests and analyses sufficient to assure it that its finished parts will be safe and suitable for use under end-use conditions. Because actual use of products by the user is beyond the control of Supplier, such use is within the exclusive responsibility of the user, and Supplier cannot be held responsible for any loss incurred through incorrect or faulty use of the products. Further, no statement contained herein concerning a possible or suggested use of any material, product, service or design is intended or should be construed to grant any license under any patent or other intellectual property right of Supplier or any of its subsidiaries or affiliated companies, or as a recommendation for the use of such material, product, service or design in the infringement of any patent or other intellectual property right.



# GT Products

## GT 61E Silicone Emulsion

### GT PRODUCTS 61E

GT PRODUCTS 61E is a stable oil in water emulsion containing 60% of a 350cs dimethyl silicone fluid. It is intended for use in aqueous systems or where water dilution is desired.

GT PRODUCTS 61E has been found to be very effective in a wide variety of applications, including:

TEXTILE- As a fiber and thread lubricant. As a fabric finish to impart a soft hand and good processability.

RUBBER & PLASTIC- As a mold release agent.

AUTOMOTIVE, HOUSEHOLD, and INSTITUTIONAL PRODUCTS  
For automotive and furniture polishes, leather and vinyl cleaners.

#### TYPICAL PROPERTIES

Physical Form:	Oil in Water Emulsion
Color:	Milk White
Emulsion Type:	Non-ionic
Active Silicone (% by wt.)	60
Specific Gravity:	0.98

GT PRODUCTS 61E can be used as is or it can be further diluted with water prior to use. It is recommended that GT-61E be added to the water with low shear or mild agitation. A dilute bath of GT PRODUCTS™ 61E may require mild agitation to prevent separation.

GT PRODUCTS 61E is compatible with a wide variety of bath additives, but compatibility of any mixture must be confirmed before use.

#### STORAGE AND HANDLING.

GT PRODUCTS 61E is available in 5 gallon pails and 55 gallon drums. GT PRODUCTS™ 61E should be stored at temperatures below 90 F, and away from direct sunlight. DO NOT FREEZE.

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# GT Products Silicone DMF Thinner

## GT Products Silicone Thinners

GT Products silicone thinners are polydimethylsiloxane fluids. They are clear, oily fluids that are inert, tasteless and odorless. These thinners are available in viscosity grades of 50 and 100 centistokes. For moldmaking purposes the DMF 50cs or DMF 100cs can be added to the mixed rubber to lower the hardness of the rubber and reduce the mixed viscosity. With the addition of silicone thinners, the strength of the rubber decreases, Therefore it is not recommended to use more than ten percent fluid into the moldmaking rubber.