

BRAKE SYSTEM SILICONE COMPOUND PART NO. 49578

DESCRIPTION

Dynatex® Silicone Compound is a silicon dioxide thickened, high molecular weight dimethyl polysiloxane based material, with excellent water repellency.



CHARACTERISTICS

Property	Typical Value
Appearance.....	Translucent paste
Penetration (Worked 60X).....	264
(Unworked).....	245
(Heated worked).....	287
Bleed (200°C-30 Hrs).....	2.9%
Evaporation (200°C-30Hrs).....	1.3%
Dielectric Strength (10 mil).....	615 V/mil
Dielectric Constant (1 KHz).....	2.81
(1 Mhz).....	2.49
(10Mhz).....	2.42
Volume Resistivity (Ohm-cm).....	3.2 X 10 ¹⁴
Dissipation Factor (1 KHz).....	0.0005
(1 Mhz).....	0.0009
(10 Mhz).....	0.0010
Arc Resistance (seconds).....	92
Flammability.....	Non-flammable
Low Temp. Torque (-54°C)	
Starting (gram-cm).....	435
Running (gram-cm).....	327
Specific Gravity.....	1.03
Temperature Range.....	-55 to 204°C (-65 to 400°F)

APPLICATIONS

Dynatex® Silicone Compound contains no petroleum or by-products and will not attack rubber. An excellent release agent and lubricant for rubber and plastic parts, such as o-rings, valves, and plastic gears. Locks out moisture and has excellent wash-away

resistance. Unaffected by extreme temperatures from -40°F to 400°F . Extends brake system life and stops disc brake squeal. Prevents drying and cracking. Recommended by major brake installer chains, fleets, and brake manufacturers.

TOXICITY

Dynatex[®] Silicone Compound has not been known to produce any lasting harmful effects. Contact with the eyes may cause transitory irritation, which usually disappears in a few hours. If Contact with the eyes occurs, flushing them with water will relieve and reduce the discomfort.

STORAGE

The compound should be stored at 100°F or below for periods up to one year. Extended storage life is probable, but the compound should be checked for consistency before use.

RESTRICTIONS

Do not use with highly oxidative chemicals such as liquid oxygen, chlorine or peroxides, nor surfaces to be painted. Not for use as a lubricant for metal-to-metal surfaces.

CLEANING

Spilled silicone greases and compounds will cause slippery conditions. Wipe up and clean spills immediately to prevent possible injury.

Silicone greases and compounds may be cleaned with the use of hydrophobic solvents (non-polar) such as chlorinated ethanes, toluene, hexane or mineral spirits. They are generally unaffected by hydrophilic solvents (polar) such as alcohols, ketones, ethers or water.

Consult applicable OSHA, EPA and other federal, state and local regulations on the use and disposal of solvents.

USERS PLEASE READ

The information and data contained herein is believed to be accurate and reliable; however, it the user's responsibility to determine suitable of use. Since the supplier cannot know all the uses, or the conditions of use to which there products may be exposed, no warranties concerning the fitness or suitability for a particular use or purpose are made.

It is the user's responsibility to thoroughly test any proposed use of our products and independently conclude satisfactory performance in the application.

Likewise, if the application, product specifications or manner in which our products are used require government approval or clearance, it is the sole responsibility of the user to obtain sure authorization.

The supplier warrants only that its products will meet its specifications. There is no use, nor any other express or implied warranty. The users exclusive remedy and the suppliers sole liability is limited to refund of the purchase price or replacement of any product when to be otherwise than as warranted. The supplier will not be liable for incidental or consequential damages of any kind.

Suggestions of uses should not be taken as inducements to infringe any patents.

Dynatex[®] *A division of Accumetric, LLC*

350 Ring Road Elizabethtown, Kentucky 42701 USA (800) 999-2937 TEL (270) 769-5557 FAX (270) 769-6418
Outside U.S. TEL +1(270) 769-5557 FAX +1(270) 769-6418
Email: sales@dynatexinc.com Website: www.dynatexinc.com