

TECHNICAL DATA SHEET

BRAKE SYSTEM SILICONE COMPOUND PART NO. 49593

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%
Flammability.....	Non-flammable
Low Temp. Torque (-54°C)	
Starting (gram-cm).....	435
Running (gram-cm).....	327
Specific Gravity.....	1.03
Temperature Range ...	-40 to 400°F (-40 to 204°C)



DESCRIPTION

Dynatex® Brake System Silicone Compound is a silicon dioxide thickened, high molecular weight dimethyl polysiloxane based material, with excellent water repellency. Material is unaffected by extreme temperatures from -40°F to 400°F (-40 to 204°C). Extends brake system life and stops disc brake squeal. Prevents drying and cracking. Recommended by major brake installer chains, fleets, and brake manufacturers.

FEATURES

- Contains no petroleum or by-products
- Will not affect rubber & plastic parts
- Locks out moisture
- Excellent wash-away resistance
- Unaffected by extreme temperatures -40 to 400°F (-40 to 204°C)

TYPICAL APPLICATIONS

- Excellent release agent and lubricant for rubber and plastic parts
- o-rings
- valves
- plastic gears

TOXICITY

Dynatex® Brake System 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.

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.

STORAGE AND SHELF LIFE

When stored in the original unopened containers at or below 90°F (32°C), *Dynatex® Brake System Silicone Compound* has a shelf life of 12 months from date of shipment.

In Countries where high heat and humidity are a factor, special precautions must be taken. Store product in a covered, well-ventilated warehouse and avoid excessive heat conditions. Storage in high heat, high humidity conditions may reduce shelf life by up to 30%. Rotation of stock is an absolute necessity. Cartons should always be stacked upright. DO NOT stack cartons on their side. **NEVER** stack cartons more than 8 high. DO NOT store within 1 meter (4 feet) of roofline of the warehouse or storage building.

USERS PLEASE READ

The information and data contained herein is believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of use. Since the supplier cannot know all the uses, or the conditions of use to which these 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 requires government approval or clearance, it is the sole responsibility of the user to obtain sure authorization.

Non-warranty: Because the storage, handling and application of the material is beyond Dynatex control, we can accept no liability for the results obtained. Dynatex sole limited warranty is the product meets the manufacturing specifications in effect at time of shipment. There is no warranty of merchantability or fitness for use, nor any other express or implied warranty. Dynatex will not be liable for incidental or consequential damages of any kind. The exclusive remedy for breach of such limited warranty is a refund of purchase price or replacement of any product shown to be other than as warranted.

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