

## ***Torque-Seal***

## ***Technical Data Sheet***

**GENERAL INFORMATION:** *SAF-T-EZE TorqueSeal* is a unique polymer gel formulated to seal threaded assemblies as well as gaskets. It is used with any thread type as well as any metal or plating surface. *TorqueSeal* holds threaded parts in place and also allows for repositioning. It will provide low pressure seals for threaded parts but the operating pressure is dependent upon thread size and engagement.

### **TYPICAL PROPERTIES:**

1. Permanently flexible - non-hardening - removable
2. Viscosity - 400cps
3. Fills gaps to .010 Inch and seals many surface flaws
4. Vibration resistant - absorbs shock and thermal cycling without cracking or degradation.
5. Operating temperature range -60°F to +600°F
6. Resistance to all fuels, oils, gases, coolants and fluorocarbons.

**HOW TO APPLY:** Depending on application thickness, solvent evaporation time will vary. The thicker the application, the longer it will take for the solvent to evaporate. A 10 mil thickness takes approximately 10 minutes. If faster assembly time is desired, a heat gun will greatly speed up the evaporation rate. If sufficient time is not allowed for solvent evaporation, bolts must be retorqued after 24 hours.

Apply with brush or dispense from squeeze bottle onto male thread surfaces. *TorqueSeal* can also be applied to small parts in a tumbler. After 5 minutes of tumbling, transfer parts to toweling. Allow solvent to evaporate before assembly. For gasket tacking, sealing or elimination of gaskets, ask for *Flange-Seal*.

### **SHELF LIFE:**

There is no change in consistency or appearance as long as the container is resealed after using. If the cap is left off and the solvent evaporates, additional methylene chloride or acetone can be added.

### **CLEAN UP:**

Scrape off the bulk of material with a knife and wipe the remainder with any chlorinated solvent or use *Gasket-Off*.

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**IMPORTANT NOTICE:** All statements and technical data contained herein are based on tests we believe to be reliable, but the accuracy of completeness thereof is not guaranteed. It is recommended that the buyer test this product to determine its suitability for his application before use. SAF-T-EZE Div., STL Compound Corporation is not responsible for loss, claim or damages resulting from use of its products.