

NOVAGARD[®]

SILICONES

G697[™]

Specification Data

DESCRIPTION

Novagard[®] G697 is a fumed silica-thickened, polysiloxane based compound. Formulated to conform with the specifications outlined in MIL C-21567A, G697 provides excellent corrosion protection when used on steel and other ferrous metal surfaces to protect against corrosion.

APPLICATIONS

Using Novagard G697 as a lubricant on unpainted threaded, or non-threaded, ferrous metal surfaces will help prevent corrosion, and maintain the condition of the substrate. Also recommended as a lubricant for rubber components such as O-rings and gaskets that have low to medium swelling characteristics.

RESTRICTIONS

Do not use in or around highly oxidative chemicals such as liquid oxygen or peroxides. Not recommended for surfaces that are to be painted.

AVAILABILITY

Novagard G697 is available in 5.3 ounce tubes, 1-gallon pails, 5-gallon pails, and 55-gallon drums.

STORAGE

Novagard G697 has a shelf-life of eighteen (18) months from the date of manufacture, as indicated by the lot number, when stored in the original, unopened container at, or below, 100°F.

PRODUCT SPECIFICATIONS

Physical Property	Test Method	Performance Range
Appearance		Cream to tan paste
Penetration (worked 60X)	ASTM D 217	260-320
Bleed	150°C / 24 hours	4.0 % maximum
Evaporation	150°C / 24 hours	2.0 % maximum

PRECAUTIONS

Silicone greases may be cleaned with non-polar solvents such as toluene, hexane and mineral spirits. Whenever using solvents be certain to observe all proper, safety precautions. Not for application on surfaces that are to be painted

Consult and obey all applicable local, state and federal regulations for disposal of solvent and silicone waste. For additional information consult product M.S.D.S.

ADDITIONAL INFORMATION

Novagard believes that the information provided is a true and accurate description of the typical characteristics of the aforementioned product; however, it is the responsibility of the individual user to thoroughly test the product in their specific application to determine performance, efficacy and safety.

TYPICAL PROPERTIES*

Physical Property	Test Method	Typical Value
Specific Gravity		1.02 - 1.06
Oxygen Stability	100°C / 100 hours	5 psi drop maximum
Sea Water Resistance	48 hours	No effect
Solubility (water)		1% maximum
Corrosion Aluminum, copper, lead, magnesium, steel, zinc		No effect

*The values outlined reflect testing that was conducted on laboratory prepared specimens, actual results may vary. The information provided in the above table is not intended for use in preparing specifications. Please consult manufacturer for additional information.

Form Name
10-D3-G697

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