Novagard® RTV 400-102
Specification Data

DESCRIPTION
Novagard RTV 400-102 is a non-corrosive, single-component, oxime silicone sealant and/or adhesive. A non-flowable, paste product, Novagard RTV 400-102 presents an excellent balance between rate of cure, adhesion, and physical properties. It has a lower odor than conventional acetoxy-cured silicones.

APPLICATIONS
Novagard RTV 400-102 functions as an adhesive sealant, which develops bond to most common substrates without the use of a primer. This ready-to-use, single-component compound is typically used as an adhesive to bond dissimilar materials, as a sealant for creating formed-in-place gaskets, or a multitude of other applications.

INSTALLATION
As with all single component materials, work life and cure times of Novagard RTV 400-102 are dependent upon environmental conditions such as temperature, humidity, and application thickness. Adhesion should be checked on small samples prior to full-scale production.

AVAILABILITY
Novagard RTV 400-102 is available in 5 gallon pails, and 55 gallon drums.

STORAGE
Novagard RTV 400-102 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, 75ºF.

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

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

PRODUCT SPECIFICATIONS

Physical Property	Test Method	Performance Range
Appearance		Black Paste
Viscosity	Brookfield #7 @ 10 rpm	450,000 – 800,000 cPs
Skin Over Time	3/8" @ 50% RH & 77˚F	5-10 minutes
Through Cure	3/8" @ 50% RH & 77˚F	24 hours

TYPICAL PROPERTIES*

Physical Property	Test Method	Typical Value
Specific Gravity		1.15 – 1.25
Tensile Strength	ASTM D412	160 - 200 psi
Elongation	ASTM D412	500 - 600%
Tear Resistance	ASTM D624	30 – 35 pli
Shore Hardness	ASTM D2240	25 ± 5
Adhesion Glass Aluminum Lexan®	ASTM D903	 12-15 pli 10-14 pli 12-15 pli

*The values outlined reflect testing that was conducted under laboratory conditions, 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.

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.

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