

# NOVAGARD<sup>®</sup>

## SILICONES

# RTV 400-116

## Specification Data

### DESCRIPTION

Novagard<sup>®</sup> RTV 400-116 is a non-corrosive, single-component silicone sealant and/or adhesive. A non-flowable, paste product, RTV 400-116 provides fast tack-free times and high green strength

### APPLICATIONS

Specially formulated to retain its physical properties even during service in extreme environmental conditions, RTV 400-116 is a smooth, gray paste that is ideal for applications that require superior bond strength and moisture resistance. Designed primarily for industrial applications, 400-116 is well suited to sealing and bonding applications within many arenas.

### INSTALLATION

As with all single component materials, worklife and cure times of RTV 400-116 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<sup>®</sup> RTV 400-116 is available in 10.3 oz. cartridges, 5-gallon pails, and 55-gallon drums.

### STORAGE

Novagard<sup>®</sup> RTV 400-116 may be stored in the original unopened containers at, or below, 100° F for up to one year.

### PRODUCT SPECIFICATIONS

Physical Property	Test Method	Performance Range
Appearance		Grey Paste
Viscosity	Brookfield #7 @ 10rpm	4500 - 8000 poises
Skin Over Time	3/8" @ 50%RH & 77F	5 -10 minutes
Through Cure	3/8" @ 50%RH & 77F	24 hours

### PRECAUTIONS

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.

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.

### 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		1.15 - 1.25
Tensile Strength	ASTM D412	150-200 psi
Elongation	ASTM D412	550-650%
Tear Resistance	ASTM D 624	30-35 pli
Shore Hardness	ASTM D 2240	25 ± 5
Adhesion		
Glass		12-15 pli
Aluminum	ASTM D 903	10-14 pli
Wood		12-15 pli

\*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.

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