

NOVAGARD[®]

SILICONES

RTV 400-196

Specification Data

DESCRIPTION

Novagard[®] RTV 400-196 is a non-corrosive, single-component silicone sealant and/or adhesive. A semi-paste like product, RTV 400-196 provides fast tack-free times and high green strength.

APPLICATIONS

As it is a faster curing version of Novagard RTV 400-150, RTV 400-196 is ideal for applications that require quick cures and early green strength development. As an adhesive, RTV 400-196 outperforms slower materials in multi-step assembly applications where the fast tack and early strength combine to hold the assembly together as the unit moves from station to station.

INSTALLATION

As with all single component materials, worklife and cure times of RTV 400-196 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 400-196 is available in 10.3 oz. cartridges, 5-gallon pails, and 55-gallon drums.

STORAGE

Novagard[®] RTV 400-196 has a shelf life of twelve (12) months from the date of manufacture, as indicated by the lot number, when stored in the original, unopened container at, or below, 75°F.

PRODUCT

SPECIFICATIONS

Physical Property	Test Method	Performance Range
Appearance		Translucent paste
Viscosity	Brookfield #7 @ 10rpm	2000 - 4000 poises
Skin Over Time	3/8" @ 50%RH & 77 F	4 - 10 minutes
Through Cure	3/8" @ 50%RH & 77 F	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		1.00 – 1.05
Tensile Strength	ASTM D412	150-180 psi
Elongation	ASTM D412	500-600%
Tear Resistance	ASTM D 624	30-35 pli
Shore Hardness	ASTM D 2240	20 ± 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.

Form Name
10-D2-RX4196

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