

NOVAGARD[®]

SILICONES

RTV 200-257

Specification Data

DESCRIPTION

Novagard[®] RTV 200-257 is a non-corrosive, single-component silicone coating and encapsulating compound. A pourable product with solids content near 100%, RTV 200-257 cures, at room temperature, to a rubbery solid.

APPLICATIONS

Characterized by the semi-self-leveling nature, RTV 200-257 is ideal for applications that require a product with more flow and fluidity than a typical paste, and yet still retains enough thixotropy to prevent leakage during the cure cycle. Coating electrical and mechanical devices, and insulating electrical terminals are a two of the many applications in which RTV 200-257 is often employed.

INSTALLATION

As with all single component materials, worklife and cure times of RTV 200-257 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 200-257 is available in, 1-quart metal cans, 5-gallon pails, and 55-gallon drums.

STORAGE

Novagard[®] RTV 200-257 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 liquid
Viscosity	RVT #6 @ 10rpm	200-350 poises
Skin Over Time	3/8" @ 50%RH & 77F	20 minutes max
Through Cure	3/8" @ 50%RH & 77F	57-63 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		0.95 - 1.01
Tensile Strength	ASTM D412	50-100 psi
Elongation	ASTM D412	245-300%
Shore Hardness	ASTM D 2240	15 ± 5

*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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Effective Date
05-26-09