

# Novagard® RTV 200-465 UV Cure Product

## Specification Data



### DESCRIPTION

Novagard RTV 200-465 is a single-component silicone coating and encapsulating compound. A pourable product with solids content near 100%, Novagard RTV 200-465 cures at room temperature to a rubbery solid.

### APPLICATIONS

Novagard RTV 200-465 functions as a coating and/or sealant which develops a bond to most common substrates without the use of a primer. This ready-to-use, single-component compound is a self-leveling liquid that is ideal for applications that require the coating to flow into small crevices and hard to reach areas.

### INSTALLATION

As with all single component materials, work life and cure times of Novagard RTV 200-465 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 200-465 is currently available in 5 gallon pails and 55 gallon drums. This is a non-stocked product subject to MOQ.

### STORAGE

Novagard RTV 200-465 has a shelf life of twelve (12) months from the date of manufacture when stored in the original, unopened container at, or below, 100°F.

### PRECAUTIONS / LIMITATIONS

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

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.

In confined cure conditions, RTV 200-465 may discolor brass, copper, or other sensitive metals. RTV 200-465 may stress craze molded polycarbonate.

### PRODUCT SPECIFICATIONS

Physical Property	Test Method	Performance Range
Appearance		Grey Fluid
Viscosity	RVT #6 @ 10 rpm	20,000 – 40,000 cPs
Skin Over Time	3/8" @ 50% RH & 77°F	5 – 15 minutes
Through Cure	3/8" @ 50% RH & 77°F	24-30 hours

### TYPICAL PROPERTIES\*

Physical Property	Test Method	Typical Value
Specific Gravity		1.10 – 1.20
Tensile Strength	ASTM D412	185 psi
Elongation	ASTM D412	365%
Shore Hardness	ASTM D2240	25 ± 5
Adhesion		
Glass	ASTM D903	>15 pli
Aluminum		>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.