

NOVAGARD[®]

SILICONES

RTV 200-202

Specification Data

DESCRIPTION

Novagard[®] RTV 200-202 is a non-corrosive, single-component silicone coating and encapsulating compound. A pourable product with solids content near 100%, RTV 200-202 cures, at room temperature, to a rubbery solid.

APPLICATIONS

Characterized by the semi-self-leveling nature, RTV 200-202 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 200-202 is often employed.

INSTALLATION

As with all single component materials, worklife and cure times of RTV 200-202 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 200-202 is available in, 1-quart metal cans, 5-gallon pails, and 55-gallon drums.

STORAGE

Novagard[®] RTV 200-202 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 | | Black 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.

Form Name
10-D2-RX2202

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