

NOVAGARD[®]

SILICONES

RTV 200-465

Specification Data

DESCRIPTION

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

APPLICATIONS

RTV 200-465 functions as a coating and/or sealant, which develops 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, worklife and cure times of 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

RTV 200-465 is currently available in 5-gallon pails, and 55-gallon drums.

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.

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 & 77F | 5 – 15 minutes |
| Through Cure | 3/8" @ 50%RH & 77F | 24-30 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 | | 1.10 – 1.20 |
| Tensile Strength | ASTM D412 | 185 psi |
| Elongation | ASTM D412 | 365% |
| Shore Hardness | ASTM D 2240 | 25 ± 5 |
| Adhesion Glass Aluminum | ASTM D 903 | >15 pli >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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Effective Date
05-26-09