

NOVAGARD[®]

SILICONES

RTV 700-100

Specification Data

DESCRIPTION

Novagard[®] RTV 700-100 is a single-component, acetoxycure, silicone grout and/or adhesive. Non-flowable, high-solids, paste products, Novagard[®] Silicone Tile Grouts present an excellent balance between rate of cure, adhesion and physical properties.

APPLICATIONS

Specially formulated for grouting the joints between ceramic tiles, this material has longer tooling properties and requires no mixing, which facilitates ease of application. When exposed to atmospheric moisture RTV 700-100 cures to a rubber-like solid, which is mold and mildew resistant, and will not crack or drop out of joints. Develops tenacious adhesion to most common pool and spa substrates including: ceramic tile, wood, metal, glass, masonry and fiber glass.

INSTALLATION

As with all single component materials, worklife and cure times of RTV 700-100 are dependent upon environmental conditions such as temperature, humidity and application thickness. Adhesion should be checked on small samples prior to full-scale production.

STORAGE

Novagard[®] RTV 700-100 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		White paste
Skin Over Time	3/8" @ 50%RH & 77F	25 minutes maximum
Through Cure	3/8" @ 50%RH & 77F	7 days

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.

LIMITATIONS

Not recommended for surfaces that are to be painted. The acetic acid liberated during cure may react unfavorably with concrete and other masonry substrates.

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		1.03
Tensile Strength	ASTM D412	200 psi
Elongation	ASTM D412	600%
Tear Resistance	ASTM D 624	28 pli
Shore Hardness	ASTM D 2240	18
Service Temperature		-62 to 200°C

*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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