

MED-2310

RTV Silicone foam

DESCRIPTION

- Two-part, room temperature curing, silicone foam
- Platinum cure
- No odor
- Yields a low density silicone foam when catalyzed
- 1:1 Mix Ratio (Part A: Part B)

APPLICATION

- Can be used to make foam sheeting or ribbon
- Use in shock and vibration dampening situations requiring a lightweight, flexible foam
- Device applications requiring a low density component

NuSil® MED-2310 may be considered for use in human implantation for a period of greater than 29 days.

PROPERTIES

Typical Properties	Average Result	Standard	NT-TM
Uncured:			
Appearance	White	ASTM D2090	002
Viscosity, Part A	70,000 cP (70,000 mPas)	ASTM D1084, D2196	001
Viscosity, Part B	14,000 cP (40,000 mPas)	ASTM D1084, D2196	001
Application Life (25°C)	2 minutes	-	027
Cured: 20 minutes at ambient temperature and humidity			
Density, non-confined	0.19 g/mL	ASTM D792, D3574	026
Tissue Culture (Cytotoxicity Testing)	Pass	USP <87> ISO 10993-5	061
Elemental Analysis of Trace Metals	Pass	ASTM E 305	131

The test data shown for this material is the average value for typical properties. All of these properties may not be tested on a lot to lot basis and cannot be used to draft specifications. Please [contact](#) NuSil for assistance and recommendations in establishing limits for product specifications.

INSTRUCTIONS FOR USE

Mixing

Mix at 1:1 mix ratio. Mixing can be accomplished by hand or with a high speed stirrer. Confining the foam results in a higher specific gravity. Use a suitable release agent (such as commercial mold release or an aqueous solution of soap or detergent) in molding applications.

Work Time

Extend working time or pot life by storing at a low temperature prior to use. Note: Some bonding applications may require the use of a primer. NuSil MED1-161 silicone primer is recommended

Substrate Consideration

Cures in contact with most materials common to biomedical assemblies. Exceptions include butyl, latex, chlorinated rubbers, some RTV silicones and unreacted residues of some curing agents.

FDA MASTER FILE

For customers interested in a Master File (MAF) for this product, please [contact](#) NuSil.

REACH COMPLIANCE

Please [contact](#) NuSil's Regulatory Compliance department with any questions or for further assistance.

SPECIFICATIONS

Do not use the typical properties shown in this technical profile as a basis for preparing specifications. Please [contact](#) NuSil for assistance and recommendations in establishing limits for product specifications.

WARRANTY INFORMATION

The warranty period provided by NuSil Technology LLC is 12 months from the date of shipment when stored below 40°C in original unopened containers. Unless NuSil provides a specific written warranty of fitness for a particular use, NuSil's sole warranty is that the product will meet NuSil's then current specification. NuSil specifically disclaims all other expressed or implied warranties, including, but not limited to, warranties of merchantability and fitness for use. The exclusive remedy and NuSil's sole liability for breach of warranty is limited to refund of purchase price or replacement of any product shown to be

Packaging

2 Pint Kit
10 Gallon Kit

Warranty

12 Months

other than as warranted. NuSil expressly disclaims any liability for incidental or consequential damages.

WARNINGS ABOUT PRODUCT SAFETY

NuSil believes, to the best of its knowledge, that the information and data contained herein are accurate and reliable. The user is responsible to determine the material's suitability and safety of use. NuSil cannot know each application's specific requirements and hereby notifies the user that it has not tested or determined this material's suitability or safety for use in any application. The user is responsible to adequately test and determine the safety and suitability for their application and NuSil makes no warranty concerning fitness for any use or purpose. NuSil has completed no testing to establish safety of use in any medical application.

NuSil has tested this material only to determine if the product meets the applicable specifications. (Please [contact](#) NuSil for assistance and recommendations when establishing specifications.) When considering the use of NuSil products in a particular application, review the latest Material Safety Data Sheet and [contact](#) NuSil with any questions about product safety information.

Do not use any chemical in a food, drug, cosmetic, or medical application or process until having determined the safety and legality of the use. The user is responsible to meet the requirements of the U.S. Food and Drug Administration (FDA) and any other regulatory agencies. Before handling any other materials mentioned in the text, the user is advised to obtain available product safety information and take the necessary steps to ensure safety of use.

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