

# CF2-4721

## Thermosetting silicone resin

### DESCRIPTION

- A pre-catalyzed, solvent free, thermosetting resin
- Forms a transparent rigid material when heat cured
- Maintains cured properties and good electrical properties over a broad temperature range and in high humidity

### APPLICATION

- Designed for impregnating electrical and electronic units in the nuclear power, aerospace and electronic industries
- Provides excellent resistance to radiation

### PROPERTIES

Typical Properties	Average Result	Metric Conv.	Standard	NT-TM
<b>Uncured:</b>				
Appearance	Clear to light amber	-	ASTM D2090	002
Specific Gravity at 25°C (77°F)	1.09	-	ASTM D891	022
Viscosity	130 cP	130 MPa	ASTM D1084, D2196	001
Non-Volatile Content	100%	-	ASTM D2289	004
Refractive Index	1.52	-	ASTM D1747, D1218	018
<b>Cured: 15 min at 150°C</b>				
Durometer, Type A	75	-	ASTM D2240	006

## SPECIFICATIONS

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

## WARRANTY INFORMATION

The warranty period provided by NuSil Technology LLC (hereinafter "NuSil Technology") is 12 months from the date of shipment when stored below 40°C in original unopened containers. Unless NuSil Technology provides a specific written warranty of fitness for a particular use, NuSil Technology's sole warranty is that the product will meet NuSil Technology's then current specification. NuSil Technology 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 Technology's sole liability for breach of warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted. NuSil Technology expressly disclaims any liability for incidental or consequential damages.

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NuSil Technology 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 Technology 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 Technology makes no warranty concerning fitness for any use or purpose. NuSil

### Packaging

1 Pint (455 g)  
1 Gallon (3.64 kg)

### Warranty

12 Months

Technology has completed no testing to establish safety of use in any medical application.

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