

RTV Silicones



ALL MG PRODUCTS ▾

Jump to Product Number

[Accessories](#)[Adhesives](#)[Brushes](#)[Cleaners / Degreasers](#)[Contact Cleaners](#)[Desoldering Braid](#)[Dusters & Circuit Coolers](#)[EMI / RFI Shielding](#)[Epoxies](#)[Flux and Flux Remover](#)[Glass & Screen Cleaners](#)[Isopropyl Alcohol](#)[Lead Free Solder](#)[Lubricants](#)[Potting & Encapsulating](#)[Protective Coatings](#)[Pens](#)[Prototyping Materials](#)[RTV Silicones](#)[Soldering/desoldering](#)[Specialized Cleaners](#)[Swabs](#)[Thermal Management](#)[Thermally Conductive](#)[Adhesives](#)[Wipes](#)

RTV Silicones by MOMENTIVE 1-Part Adhesive Sealant TSE397C

**Primary Characteristics**

- ▶ Translucent
- ▶ Self leveling paste
- ▶ **Fast cure**
- ▶ Electronics application
- ▶ Non-corrosive
- ▶ Alkoxy neutral cure
- ▶ MIL-A-46146, group 1, type 1
- ▶ UL HB recognition
- ▶ UL File No. [E36952](#)

Excellent for thin section potting, filling small surface voids, self leveling, and protective coating. Non-corrosive (MIL-A-46146A)* to electronic metals, including copper and brass. Excellent electrical insulating properties. Resistant to heat, cold, moisture, UV, and ozone.

**Does not meet hydrolytic stability requirements of MIL-A-46146A.*

Available Sizes

Catalog Number	Sizes Available	Description
TSE397C-100G	100 g (3.5 oz)	Tube
TSE397C-333ML	▶ SPECIAL ORDER 333mL (10 oz)	Cartridge

Specifications

Use	Adhesive Sealant
Special Feature	Clear Semi Flowable
Standards	MIL-A-46146-A
Cross Reference	TSE397
Uncured Properties	
Consistency	Self Leveling
Color	Translucent
Specific Gravity	1.04
Tack Free Time	10 min
Cure Through Time	72 hours
Useful Temp. Range	-55°C to 200°C (-67°F to 392°F)
Cured Properties - MECHANICAL	
Hardness	20 Shore A
Tensile Strength	1.1 MPa (156 psi)
Elongation	300%
Volume Resistivity	2.0 x 10 ¹⁵ ohm · cm
Dielectric Strength	20 kV/mm
	510 V/mil
Dielectric Constant	2.9 @ 60 Hz
Cured Properties - THERMAL	
Thermal Conductivity	0.21 W/m · °K
Thermal Expansion	27 x 10 ⁻⁵ (°C) ⁻¹
Other	

Technical Support
for RTV Silicones

 1-800-255-8886

M.G. Chemicals Disclaimer
for RTV Silicones >

Locate Distributor >

Quick Links

- ▶ [MSDS](#)
- ▶ [Specifications](#)
- ▶ [Available Sizes](#)

Related products:

- ☐ [RTV160 White](#)
- ☐ [RTV162 White](#)
- ☒ [RTV167 Gray](#)
- ☐ [TSE399C Clear](#)

Resources

- ▶ [Selection Guide](#) >
- ▶ [One Part Chart](#) 
- ▶ [Two Part Chart](#) 

Find by Application

- [General Purpose](#) >
- [Aerospace](#) >
- [Marine](#) >
- [High Performance Assembly](#) >
- [Electronics](#) >
- [Thermal Conductivity](#) >
- [High Temperature](#) >
- [Low Temperature](#) >



[Viscosity](#) (@ 25°C)

50,000 cps

[Return to top](#) ^

© 2000 - 2007 MG Chemicals. All rights reserved. [Site Map](#) [Terms & Conditions](#) [Contact Us](#)

web site design by offbeat studio