

RTV Silicones by **MOMENTIVE**  
performance materials  
**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	▶ <b>SPECIAL ORDER</b> 333mL (10 oz)	Cartridge

**Specifications**

Use	Adhesive Sealant
Special Feature	Clear Semi Flowable
Standards	MIL-A-46146-A
Cross Reference	TSE397
<b>Uncured Properties</b>	
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)
<b>Cured Properties - MECHANICAL</b>	
<u>Hardness</u>	20 Shore A
Tensile Strength	1.1 MPa (156 psi)
Elongation	300%
Volume Resistivity	2.0 x 10 <sup>15</sup> ohm · cm
Dielectric Strength	20 kV/mm
	510 V/mil
Dielectric Constant	2.9 @ 60 Hz
<b>Cured Properties - THERMAL</b>	
Thermal Conductivity	0.21 W/m · °K

Thermal Expansion	$27 \times 10^{-5} (\text{°C})^{-1}$
Other	
<u>Viscosity</u> (@ 25°C)	50,000 cps