#### **RTV Silicones**



#### ALL MG PRODUCTS -

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Accessories

Adhesives

**Brushes** 

Cleaners / Degreasers

**Contact Cleaners** 

**Desoldering Braid** 

**Dusters & Circuit Coolers** 

EMI / RFI Shielding

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Flux and Flux Remover

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Isopropyl Alcohol

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<u>Pens</u>

**Prototyping Materials** 

**RTV Silicones** 

Soldering/desoldering

**Specialized Cleaners** 

<u>Swabs</u>

Thermal Management

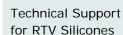
Thermally Conductive

**Adhesives** 

**Wipes** 

#### MOMENTIVE RTV Silicones by **(1)** performance materials 1-Part Adhesive Sealant TSE3941





**1-800-255-8886** 

M.G. Chemicals Disclaimer for RTV Silicones >

Locate Distributor >

## **Quick Links**

- **►**MSDS
- Catalyst options/MSDS
- Primer options/MSDS
- Specifications
- Available Sizes

## Related products:

- RTV1032 White (1part)
  - TSE3331 Gray (2 part)

# Resources

- ▶ <u>Selection Guide</u> >
- One Part Chart Two Part Chart

# Find by Application

General Purpose >

Aerospace >

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High Performance Assembly >

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Thermal Conductivity >

High Temperature >

Low Temperature >



**Primary Characteristics** 

White Paste

**BUY NOW** 

- ▶ Thermally Conductive
- Primerless adhesion
- Neutral cure
- Non-corrosive
- ▶ UL recognized
- ▶ Flame retardant
- ▶ High strength
- Fast cure
- Fast tack free time
- Aggessive adhesion

Excellent high thermal conductivity. White paste. Has UL flammability rating of V-1 using the UL 94 test. Has outstanding adhesion and electrical properties. Resistant to heat, cold, moisture, UV, ozone and chemicals. When cured, retains elastomeric properties throughout the operating temparature range of -55°C to 200°C (-67°F to 392°F). Use for bonding components and devices to heat sinks as well as in other bonding applications where flexibility, thermal conductivity, and flame retardance are of concern. Requires no primer.

### **Available Sizes**

Catalog Number	Sizes Available	Description
TSE3941-150G	150g (5.3 oz)	Tube
TSE3941-333ML	333ml (10 oz)	Cartridge
TSE3941-20K SPECIAL ORDER	20 kg (44 lbs)	44 lbs. pail

# Specifications

Use	Adhesive Sealant	
Special Features	Thermally conductive, Flame retardant	
Standards	MIL-A-46146B (corrosion only)	
	UL-94 V-1 recognition (file E56745)	
Cross Reference	TSE3941	
Uncured Properties		
Consistency	Paste	
Color	White	
Specific Gravity	1.65	
Tack Free Time	5 min	
Cure Through Time	3 days	
Useful Temp. Range	-55°C to 200°C (-67°F to 392°F)	
Cured Properties - MECHANICAL		
<u>Hardness</u>	60 (Shore A)	
Tensile Strength	3.0 MPa (426 psi)	
Elongation	100%	
Cured Properties - ELECTRICAL		
Dielectric Strength	22 kV/mm	

	500 V/mil
Dielectric Constant	4 @ 60 Hz
Cured Properties - THERMAL	
Thermal Conductivity	0.83 W/m · °K
Brittle Point	-60°C (-75°F)

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