



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## RTV Silicones

RTV Number...



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Product Number...

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performance materials

## 1-Part Adhesive Sealant TSE3941

▶ STOCKED ITEM

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## Primary Characteristics

- ▶ White Paste
- ▶ Thermally Conductive
- ▶ Primerless adhesion
- ▶ Neutral cure
- ▶ Non-corrosive
- ▶ UL recognized
- ▶ Flame retardant
- ▶ High strength
- ▶ Fast cure
- ▶ Fast tack free time
- ▶ Aggressive 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 temperature 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
<b>Uncured Properties</b>	
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)
<b>Cured Properties - MECHANICAL</b>	
<b>Hardness</b>	60 (Shore A)
Tensile Strength	3.0 MPa (426 psi)
Elongation	100%
<b>Cured Properties - ELECTRICAL</b>	
Dielectric Strength	22 kV/mm

Technical Support  
for RTV Silicones

1-800-255-8886

M.G. Chemicals Disclaimer  
for RTV Silicones >[Locate Distributor >](#)

## Quick Links

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## Related products:

- [RTV1032 White \(1 part\)](#)
- [TSE3331 Gray \(2 part\)](#)

## Resources

- ▶ [Selection Guide >](#)
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Google Search MG

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

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