



## SSP1401-L

### MIL-S-8660C QUALIFIED SILICONE COMPOUND

#### PRODUCT DESCRIPTION

SSP-1401-L is a silicone compound approved for listing on the Qualified Products List (QPL) of the U.S. Government for silicone compounds that meet the MIL-S-8660C specification, effective November 7, 1997.

TYPICAL DATA PER MIL-S-8660C			
<b>Appearance:</b>	White/Translucent	<b>Temperature:</b>	-75°F to 400°F
<b>Unworked Penetration:</b>	230	<b>Worked Penetration:</b>	275
<b>Bleed (30hr @ 204C):</b>	2%	<b>Evaporation:</b>	1%
<b>Specific Gravity:</b>	1.01	<b>Flammability:</b>	Non Flammable
<b>Corrosive effect on metals/nonmetals:</b>		No effect	
<b>Volume Change of rubber (%):</b>		0.6 (168hrs @ 70C)	
<b>Insolubility (% weight loss):</b>	Distilled water:	0.013	
	Isopropyl Alcohol:	0.025	
	Ethyl Alcohol:	0.044	
	Ethylene Glycol:	0.012	
	Glycerine:	0.013	
<b>Low Temp Torque (gm-cm, max.)</b>	Starting:	885	
	Running:	516	
<b>Volume Resistivity</b>	@ 23C	3.8 x 10 <sup>13</sup> ohm/cm	<b>Dielectric Strength</b>
	@ 177C	3.7 x 10 <sup>14</sup> ohm/cm	
		0.050" gap	330 volts/mil
		0.010" gap	550 volts / mil
<b>Dielectric Constant</b>	@ 1 KHz	2.7 max	<b>Dissipation Factor</b>
	@ 1 MHz	2.8 max	
	@ 10 MHz	2.2 max	
		@ 1Khz	0.0006 max
		@ 1 Mhz	0.0002 max
		@ 10 MHz	0.001 max
<b>Arc Resistance (seconds, min)</b>		60 seconds, no failure, 100 % of samples	

KEY FEATURES	APPLICATIONS	CONTAINERS
Low Volatiles Excellent Dispersion Wide Temperature Range Excellent Stability Water Repellent	Moisture proofing electrical connections. Ignition system connections Electronic component sealant Threaded connector lubricant Rubber and plastics lubricant	400 lb Drum 40 lb Plastic Pail 8 lb. Plastic Pail 1 lb Jar 14.1 oz Cartridge 5.3 oz Plastic Tube

#### HANDLING & SAFETY

MSDS information is available on request.

For more information visit [www.sspinc.com](http://www.sspinc.com). To order call (518) 885-8826/ or Fax (518) 885-4682.

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