

# 3M™ Scotchcast™ Flame-Retardant Compound 2131C, 612 grams oz, 10 /Case

3M ID 7000031844, UPC 00051128591673

- Overview
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- 82 Shore A hardness
- Has 17-minute gel time at 73 degrees F (23 degrees C)
- Useful for replacing or repairing the jacket on both single- and multi-core power cables
- Withstands a temperature range of 32 to 194 °F (0 to 90 °C)

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## Details

3M™ Scotchcast™ Electrical Resin 2131 is a 2 part, flame retardant compound, useful for coating cable jackets when splicing or repairing mine and portable cables. This permanent, polyurethane, liquid type resin has a unique formulation used in rugged conditions. The high dielectric strength offers a very good electrical insulating property to the resin.

3M™ Scotchcast™ Flame Retardant Resin 2131 has low gel point rating to ensure curing at room temperature. The high tensile strength of the resin exhibits a semi flexible property and good adhesion property after curing. It is ideal for applications that need excellent thermal shock and mechanical shock resistance. It has a high flash point, helping prevent any fire hazard due to quick ignition. The flame retardant resin allows you to insulate cable splices operating up to 1 kV and to seal the crotch or sheath when terminating multi core cables. ASTM and MSHA Approved, RoHS 2011/65/EU Compliant.

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## Specifications

<b>Applications</b>	Sealing, electrical insulation and mechanical protection
<b>Brand</b>	Scotchlok™
<b>Cure Method</b>	Room
<b>Dielectric Strength (V/mil)</b>	343 V/mil
<b>Gel Time</b>	17 minutes at 73(deg)F (23(deg)C)
<b>Hardness</b>	82 Shore A
<b>Material</b>	Polyurethane
<b>Maximum Operating Temperature</b>	90°C (194°F) continuous; overload rating 130°C (266°F)
<b>Net Weight (Metric)</b>	612 g
<b>Product Series</b>	2123
<b>Product Type</b>	Resin
<b>RoHS 2011/65/EU Compliant</b>	Yes
<b>RoHS EU Comments</b>	RoHS 2011/65/EU compliant without exemption
<b>Voltage</b>	1 kV
<b>Voltage Application</b>	Low Voltage

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