

Electrical Resins

3M™ Scotchcast™ Flame-Retardant Compound 2131

3M™ Scotchcast™ Flame-Retardant Compound 2131 is a two-part polyurethane resin designed to replace the cable jacket when splicing or repairing mine and portable cables. Its unique formulation makes it particularly suited to withstand the rugged conditions under which mine and portable cables must operate. When used in accordance with the appropriate kit configuration, Compound 2131 conforms to MSHA Part 7, Title 30 CFR.

Flame-Retardant Compound 2131 is also used as the insulating material for cable splices operating at up to 1000 volts and designed for 194°F (90°C) at continuous use and for 266°F (130°C) at temporary, overload temperature.

3M™ Scotchcast™ Flame-Retardant Compound 2131 comes in two sizes of 2-part pouch containers, as well as separate 5 gallon jugs for both Part A and Part B. (Note: 2.1 parts of B required for every 1 part of A by weight.)

Voltage	1000 Volts or less
Cure Time	16 to 24 Hours at 70°F (21°C)
Energize Time	Immediately
Max. Operating Temperature	194°F (90°C) continuous
Color	Black
RoHS 2011/65/EU	Yes
Used in these kits	5750; 5760; 5831; 5832; 82-F1; 82-F2; 82-BF1; M-20; M-30; M-40



Order No.	UPC	Packaging Description	Weight	Volume in³ (cm³)	Case Qty.
2131B	051128-59166	2-part pouch	7.5 oz (213 g)	10.6 (175)	10
2131C	051128-59167	2-part pouch	21.5 oz (612 g)	30.6 (502)	10
2131-Part A 5 Gal	051128-59181	5 gallon jug, Part A	44.5 lb (20.1 kg)		1 pail
2131-Part B 5 Gal	051128-59182	5 gallon jug, Part B	46.5 lb (21 kg)		1 pail