3M™ Scotchkote™ Electrical Coating

Data Sheet **June 2011**

Description

3M™ Scotchkote™ Electrical Coating is designed as a fast-drying sealant and bonding agent intended for use on joints wrapped with plastic electrical tape.

Features

- Compatible with Scotch® Vinyl Electrical Tapes
- Fast Drying
- Flexible when dry
- Self-contained applicator
- No waste if container resealed after use

Applications

This coating is intended for use as an outer seal on vinyl tape applications which are subjected to excessive amounts of oil. It is designed to help improve the weather resistance of the taped joint of splice. It is suitable for direct burial, direct water immersion or above ground applications. Contact with potable water is not recommended.

Precautionary and first aid information for this product may be found in its Material Safety Data Sheet and on the product container.

Typical Properties

Not for specifications. Values are typical, not to be considered minimum or maximum. Properties measured at room temperature 73°F (23°C) unless otherwise stated.

Physical Properties	**Typical Value**
Tack Free Time 72ºF (22ºC)	 15 mins.
Adhesion to: Wood Metal Rubber Plastic	 Good Good Good Good

Electrical Properties (Test Method)	**Typical Value**
Dielectric Strength Dry 24 hrs. in H_2O	 450 volts/mil 200 volts/mil

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Typical Properties, *continued*

Not for specifications. Values are typical, not to be considered minimum or maximum. Properties measured at room temperature 73°F (23°C) unless otherwise stated.

Chemical Properties	Typical Value
Solvent	Acetone, Methyl Ethyl Ketone, Toluene
Solids (25%)	Synthetic rubber & resin
Flash Point	0ºF (-18ºC) (closed cup)

Installation Techniques

After taping splices with Scotch® Vinyl Electrical Tape, apply 3M™ Scotchkote™ Electrical Coating evenly over splice, extending a short distance onto the cable insulation. Be sure the surface is clean, dry and free from oil or grease before electrical coating is applied.

Shelf Life & Storage

This product has a 2-year shelf life from date of manufacture when stored in a humidity controlled storage (10°C/50°F to 27°C/80°F and <75% relative humidity).

Availability

Please contact your local distributor; available from 3M.com/electrical [Where to Buy] or call 1.800.245.3573.

Not for sale in these states:

California, Connecticut, district of Columbia, Delaware, Illinois, Indiana, Maine, Maryland, Massachusetts, Michigan, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island and Virginia.

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