

# Color-Keyed®

## Accessories for Aluminum/Copper Code Conductor

### The Copper Colloidal Surface Treatment that Protects, Lubricates and Enhances Conductivity Between All Electrical Connections

Good connections are one of the most important aspects of electrical work. Mechanics know how much down-time is caused when fluids or oils leak into the raceway system or looking for a weak link in a ground system caused by a high resistance connection.



Mechanics also know how much time is spent keeping contacts, switches, lugs and other connectors clean or replacing parts because of "green scourge" build-up. Thomas & Betts has the solution to improve connections made each day in

thousands of electrical and raceway installations by electricians everywhere. Kopr-Shield® compound is a unique homogenized blend of pure, polished colloidal copper, rust and corrosion inhibitors that simultaneously protects, lubricates and enhances the conductivity of the mating surfaces to which it is applied. Extremely adhesive, Kopr-Shield® compound flows smoothly into uneven contours and voids, making application easy, protection and lubrication complete and positive. A stable compound, it will not settle-out, thin, thicken, harden, or dry out under the most severe environmental conditions. Kopr-Shield® compound has excellent temperature characteristics – brushed on at -5°F to 250°F (other compounds either turn solid or run like water at these extremes). Even at 1800°F, Kopr-Shield® remains intact for short terms.

Kopr-Shield® compound may be used to advantage in all electrical installations. When the environment is hostile to good electrical and mechanical connections, Kopr-Shield® compound is a must!

#### Use Kopr-Shield® compound for Battery Lugs and Cables

- Prevention of "Green Scourge" corrosion
- Reduction of resistance
- Ease of terminal installation and removal

#### Use Kopr-Shield® compound for Raceways

- Lubrication – ease of assembly and disassembly
- Grounding continuity improved – exceeds code requirements

#### Use Kopr-Shield® compound for Fuse Clips

- Even heat distribution – elimination of hot spots
- Oxidation prevention – prevents carbon path formation
- Lubrication – easy installation and removal of fuses

#### Use Kopr-Shield® compound for Wiping Contacts, Drum Switches and Slip Rings

- Prevention of galling, burning, pitting and discoloration
- Suppression of arcing and dissipation of coronas
- Lubrication for ease of operation

### Kopr-Shield®

Cat. No.	Size of Container	Description
201-31879	1-1/2 oz. container with brush	Kopr-Shield compound is a blend of colloidal copper and inhibitors for rust and corrosion protection; it is an anti-seize and conductive compound that flows easily into threads
201-3179-1	4 oz. container with brush	
CP8-TB	8 oz. container with brush	
CP16	16 oz. container with brush	
CP128	1 gallon can	

### ALUMA-SHIELD Aluminum Joint Compound



Cat. No.	Contains	Description
21059 AP8	8 oz. Squeeze Bottle 8 oz. Brush Cap Can	For aluminum cable connections; contains fine zinc particles which break through oxide film on cable strands upon compression of connection; assures a low resistance contact and seals out air and moisture

U.L. Listed only for use on electrical cables in cable connector assemblies, or on bus bars rated for NEC applications up to 8 kV and 90°C.

