SCX-13
JOINTING AND HEATSINK THERMAL COMPOUND

DESCRIPTION
(See health & safety data sheet before use)

SCX-13 contains prime grade zinc and is formulated with 50% metallic zinc to create a compound that enhances electrical and thermal conductivity when used on high power Jointing, Heatsink, Crimp connections and Stud bolt mountings.

When the connection is tightened, the grease is displaced, leaving a layer of zinc filling in the surface imperfections of the interface. This has a twofold effect: it improves the electrical conductivity and it improves thermal conductivity. This reduces the connection temperature under high power conditions by a reduced voltage drop and by providing a heat conductivity path to the connection's substrate.

SCX is manufactured with a unique grease compounded from custom refined low sulphur oil. The grease base ensures brushability over a wide temperature range, tenacious adherence to all surfaces, resistance to water wash out and the prevention of rust/corrosion. This makes the product easier and more reliable to use.

ADVANTAGES
- Makes connections more reliable
- Makes connections more weatherproof
- Protects connections from corrosion
- Reduces temperature rise
- Low sulphur content
- Non-reactive, no gassing in storage
- Brushable over a wide temperature range
- Sticks to wet joints

PRODUCT CHARACTERISTICS

Thickener	Bentone
Fluid Type	Petroleum
Colour/Appearance	Smooth Grey Paste
Dropping Point (ASTM D-566)	None
Specific Gravity	1.78
Oil Separation Wt. % Loss @ 212°F (100°C)	<5.0
Flash Point (ASTM D-92)	>221°C (430°F)
NLGI Grade	1-2
Penetration @ 77°F (ASTM D-217)	275-305
Copper Strip Corrosion (ASTM D-4048)	1A

Service Rating: -18°C (0°F) to 370°C (700°F)

PACKAGING

Code No.	Size	Container
SCX13/1Kg	1 Kg	Tub
SCX13/100g	100g	Tube