## Thermalcote™

Thermalcote<sup>™</sup> is a superior thermal joint compound of thermally-loaded silicone-based grease for use with all heat sinks. It improves the transfer of thermal energy across the metal-to-metal interfaces between the transistor or rectifier case and the heat sink.

Thermalcote conducts heat approximately 15 times better than air and more than 4 times better than unloaded silicone grease. It is non-toxic, extremely stable, and neither cakes nor runs from -40° to 204°C (-40°F to 399°F).

**Color:** Opaque White

**Operating Temperature Range:** -40°C to 204°C (-40°F to 399°F).

Thermal Conductivity: 0.765Wm<sup>-1</sup>°C<sup>-1</sup> (.226 Btu/hr ft °F

Dialectic Strength 1.27 mm gap(.050" gap): 11.8 x 10<sup>3</sup> volts/mm (300 volts/mil)

Cleaning Solvent: Mineral Spirits or Turpentine

Specific Gravity: 1.6

Evaporation, 24 hours@200°C (392°F), wt%: 1

**Shelf Life:** Indefinite<sup>1</sup> (unopened)

(1) It is recommended that the containers be turned over every 6 months to minimize settling for ease of mixing.