



## SPECIFICATION SHEET

# COPPER ROCK

### **Non-Lead/Non-Zinc Thread Compound for Rock Drill Steel Joints, Couplings and Bits**

COLOR	Dark copper
PENETRATION	275 - 295 (ASTM D 217)
WEIGHT/GALLON	10.9 pounds/gallon
DROPPING POINT	500°F/260°C (typ)
FLASH POINT	385°F/196°C (min)
BRUSHABLE TO	15°F/-9°C
SERVICE RATING	600°F/316°C
CONTAINS	Copper, graphite and other nonmetallic additives

Copper Rock has been developed as an answer to the environmental restrictions and exposure concerns associated with the use of lead and zinc based thread compounds. It contains a high percentage of copper flake combined with a proprietary blend of amorphous and synthetic graphites in a premium quality, high temperature, base grease. The addition of an asphaltic oil provides superior adherence and wash out resistance even under the most severe conditions. In addition to the galling and seizing protection provided by the solids, Copper Rock also contains a soluble extreme pressure package that is surface active (adheres to metal surfaces) and helps to provide the load carrying capability required by the high bearing stresses experienced in rotary shouldered connections, and particularly in percussion rock drilling.

RECOMMENDED FOR coal drilling, percussion rock drilling, blast hole drilling, all rotary joints, road construction, logging, mining, pneumatic drilling and track drills.

A MATERIAL SAFETY DATA SHEET IS AVAILABLE FROM THE MANUFACTURER.  
DO NOT USE ON OXYGEN LINES OR IN OXYGEN ENRICHED ATMOSPHERES.