



Quality Endurance Passion

## Technical Data Sheet

**PRODUCT NAME : COPPER ANTI-SEIZE COMPOUND**

**COPPER ANTI-SEIZE COMPOUND** is a lead-free compound for threaded connections of pipes, flanges and threaded fasteners subjected to high temperatures and/or corrosive environments. The compound overcomes galling on assembly and greatly reduces dismantling torque. It is suitable for use as an anti-seize up to 1100°C and protects against seizure in conditions of high corrosion and chemical attack.

Suitable as an anti-seize for a wide range of aggressive conditions, which include applying to pipe fittings and valves in the chemical and petrochemical industry, gas refining and for oil drilling equipment.

### COST SAVING BENEFITS

1. Prevents seizure and galling during assembly and therefore reduces assembly time.
2. Enables the easy dismantling of components subjected to high temperatures
3. Provides an effective anti-seize in saturated conditions, including chemical environments and salt water
4. Enables fast and easy dismantling of components, allowing them to be reused after dismantling

### METHOD OF APPLICATION

Apply sparingly by brush to both the threaded components prior to assembly. For optimum performance, ensure that both the threaded surfaces are completely coated with **COPPER ANTI-SEIZE COMPOUND**.

Properties	Specification	Results
Appearance	-	Smooth paste
Colour	-	Copper
NLGI classification	-	1 to 2
Thickener	-	Organically modified clay
Total Solids Content	-	18 %
Temperature range (as an antiseize)	-	1100°C
Temperature range (as a lubricant)	-	-20 to 200°C
Electrical conductivity	-	Excellent
Coefficient of Friction	-	0.12
Copper corrosion (IP112)	IP112	1b

The information above is believed to be accurate and given in good faith but without warranty. It is the users responsibility to determine the suitability of the product. (Feb 2014)