Belzona 8211

(HP ANTI-SEIZE)

BELZONA®
Repair • Protect • Improve

INSTRUCTIONS FOR USE

For prevention of seizure and galling of mating components in areas subject to high temperatures, corrosion, chemicals and mechanical interlocking on both similar and dissimilar metal surfaces before assembly.

Applied to mating surfaces of nuts, bolts, couplings, sprockets, pulleys, keys, sleeves, splines and fulcrum pins, **Belzona® 8211** resists vibration, contraction, expansion, corrosion, chemicals and temperatures up to 2000°F (1100°C).

Belzona® 8211 is suitable for most metals, including chrome molybdenum vanadium, titanium, stainless steel and nimonics. The product contains no metals or molybdenum disulphide, and extremely low levels of halogens, sulphur and extractable nitrates/nitrites.

Belzona® 8211 will not corrode or react with dissimilar metals.

APPLICATION

1. Remove any previous anti-seize media, dirt or grit from the surfaces to be coated.
2. Agitate the container to reincorporate any clear liquid which may have separated on standing.
3. Apply the **Belzona® 8211** to either one or both components.
4. Assemble the components in the normal manner.
5. If necessary, remove any surplus **Belzona® 8211** with a clean dry rag.

NOTE: Belzona® 8211 will prevent corrosion if left on exposed threads.

CONTAMINATED SURFACES
Belzona® 8211 can be applied to oil or chemically impregnated surfaces.

DAMP SURFACES
Belzona® 8211 can be applied to damp or wet surfaces.

RUBBER SURFACES
Belzona® 8211 does not affect synthetic rubbers and is ideal on gasket seals. It could, however, cause swelling with natural rubber.

CONTACT WITH OXYGEN
Belzona® 8211 is inert to most gases including nitrogen, freon, butane and natural gas but must not be used on components in contact with pure oxygen.

HIGH TEMPERATURES
At high temperatures **Belzona® 8211** provides once only protection; once the film has been broken, a further application must be made.

TECHNICAL DATA

COVERING POWER
40 sq.ft./lb (9 m²/kg)

WORKING TEMPERATURE RANGE
-40°F to 2000°F (-40°C to 1100°C)

COEFFICIENT OF FRICTION

Steel	0.09

CHEMICAL ANALYSIS TO G.E. NUCLEAR ENERGY SPEC D50YP12

Total fluoride	<15 ppm
Total chloride	<10 ppm
Total bromide	<10 ppm
Total sulphur	<20 ppm
Extractable chloride	<5 ppm
Extractable nitrate	<10 ppm
Extractable nitrite	<5 ppm

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HEALTH & SAFETY INFORMATION

Please read and make sure you understand the relevant Material Safety Data Sheets.

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