

# Belzona 8211

FN10111 (HP ANTI-SEIZE)



## 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.

### SHELF LIFE

**Belzona® 8211** will have a shelf life of at least 5 years when stored between 32°F (0°C) and 86°F (30°C).

## TECHNICAL DATA

### COVERING POWER

40 sq.ft./lb (9 m<sup>2</sup>/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

Fluoride	21 ppm
Chloride	4 ppm
Bromide	N/D<12 ppm
Sulphur	123 ppm
Lead	N/D<5 ppm
Tin	N/D<5 ppm

Zinc	N/D<5 ppm
Mercury	N/D<5 ppm
Extractable chloride	N/D<7 ppm
Extractable nitrate	N/D<7 ppm
Extractable nitrite	N/D<7 ppm
N/D – Not Detected	

## HEALTH & SAFETY INFORMATION

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

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