

# Belzona

## Accessories

FN10113



### INSTRUCTIONS FOR USE

#### **BELZONA® 9111** (Cleaner/Degreaser)

##### Degreasing Non-porous Surfaces

###### a) SMOOTH SURFACES

Wipe thoroughly with a clean rag moistened with **Belzona® 9111**. Change the rag and repeat the process until the rag appears perfectly clean after wiping the surface. Avoid spreading the contamination by cleaning only small areas at a time.

###### b) ROUGH SURFACES

Brush the **Belzona® 9111** copiously over the surface, using a stiff bristled brush. Continue until the **Belzona® 9111** runs off uncontaminated.

##### DEGREASING POROUS SURFACES

Note: When oil and grease are deeply impregnated into the substrate, there is no successful method of removing this. The technique below will, however, remove surface oil and grease.

- Mix **Belzona® 9111** with talcum powder or sawdust to form a "sloppy" paste.
- Spread the paste over area to be degreased.
- Leave for 30 minutes and then sweep away.
- Check the surface for cleanliness and if necessary, repeat steps (b) and (c).

##### CLEANING EQUIPMENT

- Mixing tools, plastic spatulas, applicators and working surfaces should be cleaned immediately after use using a rag soaked in **Belzona® 9111** and then left to dry before re-use (see Drying Times).
- Application tools such as brushes, injection guns, spray units and other equipment should be cleaned using **Belzona® 9121** or other suitable solvents such as methyl ethyl ketone (MEK), acetone or cellulose thinners.

##### DRYING TIMES

Drying time will vary with the porosity of the substrate and the ambient temperature. The table below gives a guide to the drying time of a thin film of **Belzona® 9111** on a smooth non-porous surface.

Temperature of Substrate	Drying Time
86°F (30°C)	35 minutes
68°F (20°C)	55 minutes
50°F (10°C)	80 minutes
41°F ( 5°C)	100 minutes

To accelerate drying, the following actions are recommended:-

- Cold surfaces should be warmed before using **Belzona® 9111**.
- Excess **Belzona® 9111** should be removed with a clean cloth or paper towel where possible. This should be carried out by dabbing rather than rubbing the surface, to avoid contamination of the surface by fibres.
- Compressed air should be blown over the treated surface, taking care to ensure that there is an oil filter in the line.

##### SUITABILITY

There is a possibility of **Belzona® 9111** attacking certain types of plastic and painted surfaces. In cases of doubt, it is strongly recommended that a small portion be tested for solvent attack. If any stickiness is evident after wiping with **Belzona® 9111**, an alternative cleaning agent such as methyl ethyl ketone or white spirit must be used, having once again checked for compatibility.

## **BELZONA® 9411 (Release Agent)**

### **APPLICATION TO NON-POROUS SURFACES**

- a) Shake the unit before use.
- b) Apply a thin even coat using a soft bristled brush.
- c) Allow to dry before allowing contact with any Belzona® Product (see .Drying Times.).

### **APPLICATION TO POROUS SURFACES**

- a) Seal the porous surface with a suitable lacquer and allow to dry.
- b) Shake the unit of **Belzona® 9411**.
- c) Apply a thin even coat to the lacquered surface and allow to dry.

### **TYPICAL DRYING TIMES**

Drying times are dependent on the thickness of **Belzona® 9411** applied and air movement, as well as the temperature of the substrate. They may be significantly extended where a thick layer is applied to a cold substrate in still conditions.

Typically at 68°F (20°C) **Belzona® 9411** will be dry for overcoating in 15 - 20 minutes.

Surfaces less than 41°F (5°C) should always be warmed before using **Belzona® 9411**.

### **COVERAGE RATE**

As a practical guideline, a coverage rate of 40 sq.ft. (3.7 m<sup>2</sup>) per unit should be aimed for on smooth steel substrates. On rough or irregular surfaces, this coverage rate could be reduced by as much as 50%.

### **SUITABILITY**

**Belzona® 9411** may attack certain types of plastic. In cases of doubt, test a small area for solvent attack.

### **REMOVAL OF BELZONA® 9411**

Where it is necessary to remove the dried film of **Belzona® 9411**, wipe over the surface with a rag soaked in **Belzona® 9111**.

## **BELZONA® 9341 (Reinforcement Tape)**

### **When using with Belzona® 1000 Series products**

- a) Spread the **Belzona® 1000 Series** product onto a piece of **Belzona® 9341**, previously cut to size.
- b) Press the coated **Belzona® 9341** over the damaged surface or, in the case of pipework, wrap around and pull tight.  
  
In either instance the coated face of the **Belzona® 9341** should be pressed onto the substrate.
- c) Work the **Belzona® 9341** into the **Belzona® 1000 Series** product to ensure complete wetting.
- d) Overcoat with further **Belzona® 1000 Series** product.
- e) Apply subsequent layers of **Belzona® 9341** and **Belzona® 1000 Series** product as required.

### **WHEN USING WITH BELZONA® 2000 SERIES PRODUCTS**

- a) Apply a layer of **Belzona® 2000 Series** product over the damaged area.
- b) Bed in as many widths of **Belzona® 9341** as necessary, and ensure complete wetting out.
- c) Overcoat with a further layer of **Belzona® 2000 Series** product.
- d) Apply subsequent layers of **Belzona® 9341** and **Belzona® 2000 Series** product as required.

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## **HEALTH & SAFETY INFORMATION**

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

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