Belzona Accessories

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.

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

CLEANING EQUIPMENT
a) 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).

b) 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:-

a) Cold surfaces should be warmed before using **Belzona® 9111.**

b) 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.

c) 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 m²) 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.

HEALTH & SAFETY INFORMATION

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

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Repair • Protect • Improve