

SOCOMASK PRT2130 is a hand-peelable protective coating developed to protect surfaces during chemical milling.

This product has been especially formulated to provide the following properties and performance:

- High solids content in order to reduce solvents emission and make the application of thick layers easier with conventional spraying systems (airless, pneumatic) or by dipping.
- Exceptional chemical resistance which offers a solution to most of the chemical protection problems : alkaline machining bath from 60 to 110° C (140 to 230° F), chromic-sulphuric mixture bath, hydrofluoric acid bath, detergent solution..., even with only 150 to 200 microns dry thickness
- Resistance to shocks during forming and degreasing processes as well as storage, transport and various handling operations.
- Protection of parts against corrosion and splashes of acid or alkaline chemicals.
- Resistance to temperature and very easy peeling, even after all chemical processes, exposure to bad weather and corrosive atmospheres.
- SOCOMASK PRT2130 when applied in sufficient thickness is easy to peel off, even after machining cycles.

DIRECTIONS FOR USE

The product can be applied with an airless or pneumatic spray gun, hot or cold, by automation or by hand, under normal industrial climatic conditions (temperature 10 to 30° C / 50 to 86° F, 20 to 90 % relative humidity), or by immersion.

After a long storage, the product must be stirred, it is most important to avoid the incorporation of air. Check the homogeneity before use.

Parts to be covered must be perfectly clean ; if necessary use DIESTONE cleaners.

Spray in conditions without air turbulence or extreme heating.

HOT AIRLESS OR PNEUMATIC SPRAYING

- Equipment: GRACO, KREMLIN or NORDSON
- Temperature: 60 to 80° C (140 to 176° F) in the heater
- Pressure of the pump: 160 to 200 bars
- Application distance: from about 300 to 700 mm
- Number of layers: 2 or 3 according to the required thickness.
- Drying time between 2 coatings: 15 minutes min.

- The first coating must be thin: 100 microns max.

COLD AIRLESS OR PNEUMATIC SPRAYING

Same general application conditions as for hot spraying, except for temperature and drying time (minimum drying time between layers: 15 minutes).

IMMERSION

According to the required thickness, increase the number of immersions (100 microns after a 15 seconds dipping). Minimum drying time between layers: 1 hour minimum.

TECHNICAL CHARACTERISTICS

Solid content (weight)	30%
Specific gravity	(at 20°C/68°F) 0.96
Consistency AFNOR cup N°6	98 seconds (for information only)
Brookfield viscosity LV3 12t	approximately 1100 cps (for information only)
Colour	green
Flash point	< 21°C / 69°F
Storage temperature	-5° to +35°C (+23 to +95° F)
Film thickness	200 µ
Film appearance	green, elastic, cohesive
Film initial elongation at rupture	approximately 340%
Initial rupture power of the film	approximately 80 kg/cm ²
Film peel strength on aluminium	0.1 à 0.3 kg/cm depending on parts

PRECAUTIONS FOR USE AND STORAGE

- SOCOMASK PRT2130 contains solvents; prolonged exposure to concentrated vapours as well as contact with the skin are to be avoided.
- Use suitable ventilation. Keep sheltered from sun and heat sources.
- In case of ingestion, move the patient to fresh air and call a doctor.

For more information regarding the danger of the product, please consult the product safety data sheet according to local regulation.

For professional use only.

This technical data sheet replaces and cancels the previous one.

The above details have been compiled to the best of our knowledge. They have, however, an indicative value only and we therefore make no warranties and assume no liability in connection with any use of this information, particularly if a third party's rights are affected by the use of our products. The above information has been compiled based upon tests carried out by BABCO SOCOMORE NDT. All data is subject to change as Socomore deems appropriate. The data given is not intended to substitute for any testing you must conduct in order to determine the suitability of the product for your particular purposes. Please check your local legislation applicable to the use of this product. Should you need any further information please contact us.