

Seal'N'Peel OGS

PRODUCT DESCRIPTION: **OMNI-TUFF Seal'N'Peel OGS** is a peelable, plasticised, permanently flexible polyvinyl resin solution coating. It is a heavy duty coating designed to provide long term protection to a variety of substrates by locking out liquids, dust, gas and vapours. Seal'N'Peel OGS is suitable for extreme environmental atmospheres and will peel freely after many years of external exposure. **Seal'N'Peel OGS** features an extremely low halogen content making it suitable for the temporary protection of stainless steel.

TYPICAL APPLICATIONS:
 Protection of equipment during transport and storage. ("Mothballing");

Military Equipment	Tooling
Mining Equipment	Heavy industrial machinery
Castings	Architectural componentry
Stainless Steel	

TECHNICAL INFORMATION

Vehicle Type : Polyvinyl Resin
Finish : Satin/matt.
Colour : Silver metallic grey (natural) or other colours by special order
Dry time (minimum) : Touch dry 10 mins @ 25°C
 Dry to handle 30mins @ 25°C
 Strippable 24hrs @ 25°C
Recoat time (minimum) : As soon as surface is touch dry.
Theoretical Coverage : 0.73 m²/Litre @ 500 Microns
Recommended DFT : 300 - 500 Microns minimum DFT – dependant on application.
Usual no. of coats : 2 - 3
Flexibility : Excellent throughout film service temperature range.
Elasticity : Excellent, +250% elongation
Weathering: : Excellent
Abrasion Resistance : Excellent
Water Resistance : Suitable for fresh and salt water immersion.
Chemical Resistance : Resistant to a wide range of organic and inorganic chemicals
Solvent Resistance : Good solvent resistance. Avoid areas of splash, spillage etc.
Temperature : Dry service temperature range 0-80°C
Thinning and cleaning : Envelon Thinners 5
Volume Solids : 33% volumetric solids
Product weight : 0.93 Kg/L

MERITS:

1. Single component, user friendly
2. Permanently flexible
3. UV stable - excellent for external use
4. Very elastic +250%
5. Excellent abrasion resistance.
6. Will bridge gaps

LIMITATIONS:

1. Solvent borne, vapours are extremely flammable
2. Not to be applied to loose, powdery, or very porous surfaces
3. Not to be applied in hot, drying winds.
4. The user must satisfy themselves of the product suitability by applying a small amount to an inconspicuous test area.

APPLICATION DATA

Mixing	: Power stir thoroughly until smooth and homogeneous.
Equipment	: Brush or roller or spray
Thinning	: Use Envelon thinners 5.
Application Conditions	: Do not apply when the substrate temperature is less than 3°C above the dew point or when the relative humidity is above 80%.

APPLICATION METHODS:

Brush or roll: Apply an even, wet coat of Seal'N'Peel OGS by brush or roller, working in one direction. Don't "overwork" the finish as this will cause stretch marks. Avoid excessive wet thicknesses on vertical surfaces as this will cause runs. Apply subsequent coats at right angles to the previous coat as soon as the surface is touch dry. Typically 3 coats will be needed to achieve the required dry film thickness. Care must be taken to achieve the recommended film build to ensure adequate protection and peel ability. The film can be tested for peelability after 2 hours to ensure that the film build has been achieved.

Airless Spray: Run the airless spray machine at a pressure of 1000 – 1500 PSI using a 17-23 thou tip size. Apply a wet, even coat using parallel passes overlapping by approx. 50%. Second and subsequent coats can be applied as soon as the first coat is touch dry. Care needs to be taken to ensure the recommended dry film thickness is achieved to ensure peelability when required and to provide optimum protection.

REMOVAL:

Score around all edges with a dull blade. Use caution not to damage the surface being protected. Remove the film by starting from an edge, peeling away. Please dispose of waste thoughtfully

PACKING & STORAGE

Packing	: Available in 4 & 20 litre pails. For availability of other sizes, contact SMS Omni-feed
Storage	: 12 months if stored in sealed containers away from heat and moisture. Subject to re-inspection thereafter.

HEALTH AND SAFETY : All applicable statutory regulations must be observed in the application of this product. Users must first read the Material Safety Data Sheet for Seal'N'Peel OGS. Users should familiarize themselves with all the safety aspects of the product prior to usage.

Please ensure the current Technical Data Sheet is consulted prior to specification or application of **SMS Omni-feed** products. If the surface intended to be painted differs from the specification, please consult the **SMS Omni-feed** Technical team on 1300 662 987.

All surplus materials and empty containers should be disposed of in accordance with appropriate regional regulations/legislation.

Note: The figures quoted for pot life and drying/curing times are not definitive. They are dependent on site conditions, such as volume of material mixed, ambient and substrate temperatures, weather and ventilation.

DISCLAIMER

Since the use and application of this product is beyond our control we cannot be held responsible for product field performance. The information presented above is the result of our considerable experience with this product but is not to be construed as a performance warranty.

For additional information, phone our Customer Service Centre on 1300 662 987, or e-mail sales@smsomnifeed.com.au Visit our website for more products: www.omnituff.com

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