



OMNI-TUFF Seal'N'Peel 452

PRODUCT DESCRIPTION: OMNI-TUFF Seal'N'Peel 452 is a peelable, plasticised, permanently flexible polyvinyl chloride copolymer 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 452 is suitable for extreme environmental atmospheres and will peel freely after many years of external exposure.

TYPICAL APPLICATIONS:

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

Military Equipment

Tooling

Mining Equipment

Heavy industrial machinery

Castings

Architectural componentry

TECHNICAL INFORMATION

Vehicle Type	: Polyvinyl chloride solution copolymer.
Finish	: Satin/matt. Stippled
Colour	: Silver grey (natural) or other colours by special order
Dry time	: Touch dry 2-5 mins @ 25°C
(minimum)	Dry to handle 10mins @ 25°C
	Full Cure 24hrs @ 25°C
Recoat time	: As soon as surface is touch dry.
(minimum)	
Theoretical Coverage	: 0.56 m ² /Litre @ 500 Microns
Recommended DFT	: 500 Microns minimum DFT
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 total immersion.
Chemical Resistance	: Resistant to a wide range of organic and inorganic chemicals
Solvent Resistance	: Good environmental resistance. Avoid areas of splash spillage etc.
Temperature	: Dry service temperature range 0-80°C
Thinning and cleaning	: Envelon Thinners 5
Volume Solids	: 28% volumetric solids
Product weight	: 0.922 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 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.



OMNI-TUFF Seal'N'Peel 452 TDS

APPLICATION DATA

Mixing : Power stir thoroughly until smooth and homogeneous.
Equipment : Brush or roller
Thinning : Use Envelon thinners 5.

APPLICATION METHODS:

Brush or roll: Apply an even, wet coat of Seal'N'Peel 452 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 (500) microns 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.

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 OMNI-TUFF Seal'N'Peel 442. 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 us on 1300 662 987, or e-mail sales@smsomnifeed.com.au Visit our website for more products: www.omnituff.com

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