



# Seal'n'Peel 442

## PRODUCT INFORMATION

PRODUCT	Seal 'n' Peel 442
DESCRIPTION	A heavy duty peelable coating for extreme industrial applications
COLOUR	Aluminium grey.
FINISH	Low sheen, stippled
USES	Where a complete envelope type coating is required for long term and/or external storage and can easily be peeled away if and when required. Areas of common use are the protection, transport and storage ("mothballing") of military equipment, mining equipment, heavy industrial machinery, castings, moulds, tungsten carbide tooling, diamond drills, architectural brass, copper and aluminium. Also provides excellent protection for marble and sawn stone etc. Seal 'n' Peel 442 is suitable for extreme environmental atmospheres and will peel freely after many years of external exposure.
FEATURES	<ul style="list-style-type: none"><li>• High impact resistance.</li><li>• Long-term weatherability.</li><li>• Excellent chemical resistance.</li><li>• Can web over gaps.</li><li>• Fast drying for reduced down-time.</li><li>• The original "Liquid Envelope"<sup>™</sup> - for most mothballing situations.</li></ul>
PERFORMANCE	<p><b>WEATHERING:</b> Resistant to extreme weather conditions.</p> <p><b>CHEMICAL RESISTANCE:</b> Good for most common chemicals.</p> <p><b>ABRASION RESISTANCE:</b> Excellent resistance to abrasion.</p> <p><b>WATER:</b> Excellent resistance to fresh and salt water.</p> <p><b>TEMPERATURE:</b> Minimum 0°C maximum 80°C.</p> <p><b>FLEXIBILITY:</b> Excellent long term flexibility.</p>
TECHNICAL	<p><b>NUMBER OF COMPONENTS:</b> Single pack.</p> <p><b>SOLIDS CONTENT:</b> 32% volumetric solids.</p> <p><b>RECOMMENDED COVERAGE PER COAT:</b> .64m<sup>2</sup> per litre @ 500 microns DFT.</p> <p><b>RECOMMENDED FILM BUILD:</b> 500 microns DFT - depending on service life required.</p> <p><b>TOUCH DRY:</b> To touch in 5 minutes and to be handled in approx 1 hour.</p> <p><b>RECOAT:</b> 5 minutes.</p> <p><b>FULL CURE:</b> Cures over several days, but is serviceable approx. 2 hours after application:</p> <p><b>APPLICATION METHOD:</b> Spray is preferable.</p> <p><b>THINNING:</b> Use Seal'n'Peel Thinners 5.</p> <p><b>SHELF LIFE:</b> 12 months in unopened containers when stored below 30°C.</p> <p><b>HANDLING:</b> Highly flammable. Refer current MSDS.</p> <p><b>PACKAGING:</b> Available in 4 and 20 litre containers.</p> <p><b>CLEAN UP:</b> Clean all equipment with Seal'n'Peel Thinners 5.</p> <p><b>NUMBER OF COATS:</b> Minimum of 2 - recommended DFT must be achieved.</p>

# Seal'n'Peel 442

## APPLICATION DATA

SURFACE PREPARATION	Surfaces must be clean, dry and free from dust, dirt, grease, oil, wax and silicone.																																															
MIXING	Stir thoroughly. Best results will be achieved using a power stirrer. Seal 'n' Peel 442 is thixotropic so may require longer stirring in cold weather, if stored for a long time or stored in cold conditions. Smooth consistency is normal.																																															
THINNING	Not normally recommended. Use straight from the can. Any thinning for workability should be done with Seal'n'Peel Thinners 5.																																															
APPLICATION	<table border="1"> <thead> <tr> <th>EQUIPMENT</th> <th>CONVENTIONAL SPRAY</th> <th>PRESSURE POT SPRAY</th> <th>AIRLESS SPRAY</th> <th>HVLP CONVENTIONAL</th> <th>HVLP PRESSURE POT</th> </tr> </thead> <tbody> <tr> <td>FLUID NOZZLE</td> <td>2.0-2.5mm</td> <td>2.0-2.5mm</td> <td>17-23 thou</td> <td>2.0 -2.5 mm</td> <td>1.5-2.0 mm</td> </tr> <tr> <td>PRESSURE TO THE GUN</td> <td>30-50 psi</td> <td>30-50 psi</td> <td></td> <td>30-50 psi</td> <td>30-50 psi</td> </tr> <tr> <td>POT PRESSURE</td> <td></td> <td>30-50 psi</td> <td></td> <td></td> <td>30-50 psi</td> </tr> <tr> <td>PUMP RATIO</td> <td></td> <td></td> <td>16-20:1</td> <td></td> <td></td> </tr> <tr> <td>PUMP PRESSURE</td> <td></td> <td></td> <td>1000-1500</td> <td></td> <td></td> </tr> <tr> <td>PRESSURE TO AIR CAP</td> <td></td> <td></td> <td></td> <td>10 psi</td> <td>10 psi</td> </tr> </tbody> </table> <p><b>METHOD -</b> Apply a wet even coat, using parallel passes overlapping by approx. 50%. Cross coats also ensure an even final film thickness. Second and subsequent coats can be applied as soon as the first coat is touch dry. Care should be taken to make certain the recommended film build is achieved, as detailed overleaf, to ensure peelability when required and to provide optimum protection.</p> <p><b>REMOVAL -</b> 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.</p>						EQUIPMENT	CONVENTIONAL SPRAY	PRESSURE POT SPRAY	AIRLESS SPRAY	HVLP CONVENTIONAL	HVLP PRESSURE POT	FLUID NOZZLE	2.0-2.5mm	2.0-2.5mm	17-23 thou	2.0 -2.5 mm	1.5-2.0 mm	PRESSURE TO THE GUN	30-50 psi	30-50 psi		30-50 psi	30-50 psi	POT PRESSURE		30-50 psi			30-50 psi	PUMP RATIO			16-20:1			PUMP PRESSURE			1000-1500			PRESSURE TO AIR CAP				10 psi	10 psi
EQUIPMENT	CONVENTIONAL SPRAY	PRESSURE POT SPRAY	AIRLESS SPRAY	HVLP CONVENTIONAL	HVLP PRESSURE POT																																											
FLUID NOZZLE	2.0-2.5mm	2.0-2.5mm	17-23 thou	2.0 -2.5 mm	1.5-2.0 mm																																											
PRESSURE TO THE GUN	30-50 psi	30-50 psi		30-50 psi	30-50 psi																																											
POT PRESSURE		30-50 psi			30-50 psi																																											
PUMP RATIO			16-20:1																																													
PUMP PRESSURE			1000-1500																																													
PRESSURE TO AIR CAP				10 psi	10 psi																																											
SAFETY	Contents are extremely flammable. Keep away from sources of ignition e.g. naked flame, radiators etc. Application equipment must not spark. Keep contents sealed and away from children. Avoid breathing vapors during mixing and use. Wear protective clothing including safety goggles, gloves and respirator. If swallowed call a doctor or Poisons Information Centre. When spraying in confined areas assist ventilation to provide fresh air. For more detailed safety precautions consult the current Material Safety Data Sheet.																																															
PRECAUTIONS	<ul style="list-style-type: none"> <li>Do not apply in direct sun light or hot drying winds</li> <li>Seal 'n' Peel 442 contains solvents that may damage certain surfaces e.g. plastics.</li> <li>The user must first satisfy themselves of product suitability by applying a small amount to an inconspicuous test area.</li> </ul>																																															

The information contained herein is based on tests believed to be accurate and reliable however any data, advice, recommendation, information, assistance or service provided by Dominion Plastic Industries in relation to goods manufactured by them or their use and application is given in good faith and is believed by Dominion Plastic Industries to be appropriate and reliable. However, any advice, recommendation, information, assistance or service provided by Dominion Plastic Industries is provided without liability or responsibility PROVIDED THAT the foregoing shall not exclude, limit, restrict or modify the right entitlements and remedies conferred upon any person or the liabilities imposed upon Dominion Plastic Industries by any condition or warranty implied by Commonwealth, State or Territory Act or ordinance void or prohibiting such exclusion limitation or modification. Coating systems can be expected to perform as indicated on this data sheet so long as application and procedures of the individual products are followed as recommended on the appropriate product data sheet