

Cyndan Product Information

Metal Protective Coating

Cyndan Metal Protective Coating is a solvent cutback corrosion preventive compound. The dry film is firm, amber, and translucent. **Cyndan Metal Protective Coating** is excellent for protection of metallic surfaces against corrosion in long-term indoor or outdoor exposure and during domestic and overseas shipment.

Typical Properties	English	Metric
Flash, PMCC, min	106°F	41.1°C
Density, wt/gal @ 77°F (25°C)	7.4 ± 0.1 lb/gal	887 g/L
Gravity (Specific) @ 60°F (15.6°C)	0.89	
Recommended Dry Film Thickness over Metal Profile	1.3 mils	32.5 microns
Theoretical Coverage @ Avg Recommended DFT	592 sq. ft/gal	14.5 sq. m/L
Non-Volatile wt%	55 ± 2	
Non-Volatile vol%	48 ± 2	
VOC	3.48 lb/gal	417 g/L
Approx. Dry to Touch Time @ 77°F (25°C)	1 hour	
Cure Time	24 hours	
High Temperature Flow Pt., min	300 °F	148.9°C
Accelerated Corrosion Tests:		
5% Salt Spray (hrs) ASTM B-117 @ Recommended DFT (2x4x1/8 in. Polished Steel Panels)	1000	
100% Relative Humidity (hrs) ASTM D-1748 @ Recommended DFT (2x4x1/8 in. Polished Steel Panels)	1500	

Surface Preparation:

The maximum performance of **Cyndan Metal Protective Coating** can be achieved only when the metal surfaces to be protected are clean, dry and free of rust, oil and mill scale. Cyndan recommends that the metal substrate temperature be 50-95°F (10-35°C) at the time of product application.

Application:

Cyndan Metal Protective Coating is formulated to be used as supplied. Ensure uniform consistency prior to use. Continued stirring is generally not required. **DO NOT THIN Cyndan Metal Protective Coating**. Incorrect thinning will affect film build, dry time and product performance. It is recommended that the ambient and product temperature be 50 - 95°F (10 - 35°C) at time of application. **Cyndan Metal Protective Coating** can be spray or dip applied. **DO NOT FREEZE Cyndan Metal Protective Coating**

Removal:

Cyndan Metal Protective Coating can be removed with Cyndan Dislodge or hot Cyndan UBC, or low pressure steam. **Cyndan Metal Protective Coating** can be removed from fabrics by normal dry cleaning procedures. Avoid the use of chlorinated or highly aromatic solvents when removing from painted surfaces, as these solvents may adversely affect paint.

Storage:

Store **Cyndan Metal protective Coating** at temperatures between 50-95°F (10-35°C). Mild agitation is recommended prior to use.

Caution:

Adequate ventilation is required for cure and to ensure against formation of a combustible liquid. **THE PARTIALLY CURED FILM SHOULD NOT BE EXPOSED TO IGNITION SOURCES SUCH AS FLARES, FLAMES, SPARKS, EXCESSIVE HEAT, OR TORCHES**. Refer to Cyndan Material Safety Data Sheet for additional handling and first aid information.

Note:

The addition of any product over or under this coating is not recommended. The use of additional coatings could result in chemical incompatibility, thus adversely affecting the performance of this coating as stated in the lab data section.

 Results	 Economy	<h2 style="margin: 0;">CYNDAN CHEMICALS</h2> <p style="margin: 0;">Unit 1, 7 Jubilee Avenue, Warriewood New South Wales 2102</p> <p style="margin: 0;">Telephone: (02) 9999 2788 Facsimile: (02) 9999 2086</p> <p style="margin: 0;">TO PLACE ORDERS TELEPHONE 1800 812 309</p> <p style="margin: 0;">email: chemicals@cyndan.com.au website: www.cyndan.com.au</p>	
 Safety	 Environment		