Chemcraft International Inc.

systems.

topcoat.

ammonia vapors.

the finished surface.

between the coats. Optiseal 900 must not be used nor dried at temperatures below 64° F. or relative air humidity above 65%. During the curing process, the coating must not be exposed to

Ammonia cleaners should not be used for cleaning

## **Product Information**

**Optiseal 900 – 431-1908** 

PRODUCT DESCRIPTION	SPECIFICATION VALUES	
Optiseal 900 is a one-component, precatalyzed sealer designed for all types of woods for interior use. It has a rapid dry and sands easily to a smooth finish.	Gloss: Flash Point: Specific Gravity: Weight per Gallon: Solids by Weight: Solids by Volume: Fire Hazard Class: Health Hazard Class: Viscosity at 25°C (77°F): VOC: Lbs. VOC/Gallon: Lbs. VOC/Lbs. Solids: Lbs. VHAPs/Lbs. Solids:	N/A 10°C (50° F) 0.91 7.57 22% 16% 3 2 22" z #2 686 g/l (5.73 lb/gal) 4.45 lb/gal 2.70 0.22
<b>Values at Application</b> Lbs. VOC/Lbs. Solid		atalyzed: 2.73
FEATURES	Lbs. VOC/Lbs. Solids. 2.75 Lbs. VHAPS/Lbs. Solids: 0.21 If additional reducers or additives are used, compliance values must be recalculated.	
Optiseal 900 is a one component sanding sealer for use under any of Chemcraft's pre-catalyzed	SPECIFICATION I	NFORMATION

Shelf Life: Six months recommended if unopened This product dries rapidly, powders very well, and and stored between 15°C - 25°C seals the substrate preparing it for the appropriate (59°F - 77°F). Always rotate stock. Pot Life: N/A **Coverage:** 285 - 490 sq. ft./gal. Optiseal 900 must not be polluted with oil, varnish Mixing Ratio: N/A or the like and must not be sanded with steel wool

Reduction: Use Reducer 803-1325 as desired.

**Surface Preparation:** Wood substrate should be sanded with 120, 150 or 180 grit paper prior to staining or coating. Stain systems under acid containing coatings should be acid stable. Chemcraft recommends using 825-70XX Easywipe stains or 891-73XX NGR stains.

**Directions for use:** Agitate material thoroughly before use. Optiseal 900 must be agitated thoroughly at all times to ensure product consistency.

Apply one or two coats at 2-5 mils wet and allow 30-45 minutes dry at 68° F. prior to sanding and applying next coating. Sand with 280/320 grit paper before topcoating or recoating and ensure next coat is applied within eight hours of sanding Optiseal 900 431-1908.

Optiseal 900 may be topcoated with precatalyzed topcoats such as Opticlear 900 431-80XX and E.S. Lacquer Elite 431-24XX. Optiseal 900 has a limited shelf life and should be used within six months.

Maximum film build of Optiseal 900 is not to exceed 2 mils dry.

The customer is responsible for following the recommended application procedures. Failure to adhere to the recommendations given in this Technical Data Sheet will likely result in unsatisfactory film appearance or film failure.

The completed coating system should be checked for required properties prior to start-up of production.

## APPLICATION

Method of Application:	Viscosity	Wet Film	Dry Film		
Spray - Conventional	Z #2/18-24"	2-5 mils	0.4-1.0 mils		
- Airless	Z #2 18-24"	2-5 mils	0.4–1.0 mils		
- HVLP	Z #2 17-20"	2-5 mils	0.4-1.0 mils		
All many remaints recommanded are based on regults at temperatures of $60^{\circ}$ E					

All measurements recommended are based on results at temperatures of 68° F.

## **Drying Times:**

At 68°F	(Minimum Required)	At 122°F	(Minimum Required)		
Tack Free:	10-15 mins.	Tack Free:	Flash off before entering oven		
Dry to Sand:	30-45 mins.	Dry to Sand:	15-20 mins		
Dry to Stack:	1-2 hours	Dry to Stack:	20-30 mins		
Note: Temperatures are based on actual board temperature. This may vary depending on length of time for					
boards to reach these temperatures.					

**Clean-Up:** Use 803-1298

Revised: October 18, 2001

Values shown are calculated estimates and should not be construed as product specifications. We cannot anticipate all conditions under which this information and our products or the products of other manufacturers in combination with our products may be used. We accept no responsibility for results obtained by the application of this information or the safety and suitability of each such product or product combination for their own purposes. Unless otherwise agreed in writing, we sell the products without warranty, and users assume all responsibility and liability for loss or damage arising from the use of our products whether used alone or a combination with other products. Use of unapproved or reclaimed solvent blends may reduce film properties and is not recommended.

Chemcraft International Inc. views safety as a top priority. Please refer to Material Safety Data Sheet for information on the safe use of this product.