



# 897 MDF BOARD SEALER

JULY 2015

## *Nitrocellulose Lacquer Sealer*

### Product Data

897 MDF Board Sealer is a nitro-cellulose lacquer sealer, designed to penetrate into and seal the fibres of wood, and to give good sanding properties with excellent holdout of succeeding topcoats. Gives excellent sealing properties over Medium Density Fibreboard.

- Fast drying
- Quick solvent release
- Does not change colour of lightest timbers and veneers
- Ease of sanding
- Excellent holdout
- Economical

### Uses

As a quick drying sealer for furniture, partitions, doors, toys, shop fittings, cabinets, desks, wall units and most interior woodwork and hardboard.

Spray apply 120-180 microns Wet Film Thickness to achieve 20-30 microns Dry Film Thickness.

Overcoat after minimum 1 hour (sand 320).

Overcoat with 262, 849/2 Clears.

### Colour Availability

Clear

### Packaging

Available 1L, 4L, 20L

### Substrates

Wood

MDF

### Total Solids Content

25.5% (wt), 16.4% (vol)

### Surface Preparation

Wood – Sand and dust down

MDF – Sand faces with 150 grit, edges with 120 grit followed by 180 grit in the opposite direction.

### Thinning and Clean Up

Thinning not required, but 265 Floglos may be used.

Clean gun and equipment with 265 Floglos.

### Application

Curtain coat

Spray – conventional, airless. Apply two double header coats at 50 psi (350 kPa) and allow to dry before sanding with 280 / 320 paper. Avoid spraying at high pressures, as this can cause bridging across the grain, with subsequent sink-back. Care must be taken to avoid heavy coats, as cold checking can occur at a later date if there is an excessive film build.

MDF edges should be given an initial coat (thinned 15% with 265 Floglos) to improve sealing and reduce the tendency of edge cracking.

### Drying

Dust free: 5-10 mins

Tack free: 15-20 mins

Print free: 20-30 mins

Hard dry : 1 hour (can be force dried at 49-60°C for 10-15 mins)

Overcoat time: 1 hour minimum

### Theoretical Coverage

Approximately 6.6 sq. m/litre @ 25µm DFT

Practical coverage rates will be lower than theoretical and this must be taken into consideration when calculating costs.

## Safety Precautions

Read each component's material safety data sheet before use. Mixed material has hazards of each component. Safety precautions must be strictly followed during storage, handling and use.

## Health & Safety

Avoid breathing vapour. Use with adequate ventilation. High concentrations of vapour may cause headache or nausea, affect the nervous system and respiration.

Do not use in the presence of naked flame or other sources of ignition. Store away from heat.

Wear safety glasses/goggles, an air supplied respirator or hood and PVC or nitrile chemical handling gloves.

If spraying in a confined area, a positive pressure air respirator should be worn.

Store/dispose of residues in accordance with local body regulations.

## First Aid

If poisoning occurs, contact a doctor. The Poisons Information Centre may be of assistance – telephone 0800 POISON (NZ), 13-11-26 (Australia).

If swallowed, do NOT induce vomiting. Give a glass of water to drink and get medical attention urgently. If affected by vapour, get into fresh air immediately. If splashed into the eyes, flush them with copious quantities of clean water for 15 minutes and get urgent medical attention.

If splashed onto skin, wash with soap and water.

For further information, refer to the Material Safety Data Sheet for this product.

## CAUTION:

**Improper use and handling of this product can be hazardous to health.**

**Do not use this product without first taking all appropriate safety measures to prevent property damage and injuries. These measures may include, without limitation: implementation of proper ventilation, use of proper lamps, wearing of proper protective clothing and masks, tenting and proper separation of application areas. Consult your supervisor. Proper ventilation and protective measures must be provided during application and drying to keep spray mists and vapour concentrations within safe limits and to protect against toxic hazards. Necessary safety equipment must be used and ventilation requirements carefully observed, especially in confined or enclosed spaces, such as tank interiors and buildings.**

**This product is to be used by those knowledgeable about proper application methods. PPG Industries makes no recommendation about the types of safety measure that may need to be adopted because these depend on application environment and space, of which PPG Industries is unaware and over which it has no control.**

**If you do not fully understand these warnings and instructions or if you cannot strictly comply with them, do not use the product.**

***This product is for professional use only. Not for residential use.***

Technical information given verbally or in writing is based on knowledge and research, given in good faith and believed to be reliable, but no guarantee of accuracy is made or implied. Since methods and conditions of use are beyond our control, all merchandise is sold and received subject to the condition that our liability whether express or implied for any defect in quality, or for any lack of fitness for the specified use thereof, is limited to the return of the purchase price if written claim is made within 14 days from date of delivery. It is recommended that the user makes his or her own tests to determine the suitability of the product for his own requirements. Freedom from patent restrictions is not implied.

**PPG Industries NZ Ltd • 5 Monahan Road • Mt Wellington • Auckland • Phone 0800-263 766 • Fax 0800-659 377  
PPG Industries Australia Ltd • McNaughton Rd • Clayton • VIC 3169 • Phone 1300 305 699 • Fax 1300 304 214**