

## TECHNICAL DATA SHEET

**PRODUCT**                    **UV1000 UV CURE TOPCOAT**

**DESCRIPTION**            A full gloss U.V. curable topcoat designed for internal applications to give fast packing time and a hard durable finish.  
 Ideally suited to the decoration of timber, M.D.F or particle board after sealing and priming with UV cure undercoat.

**USED FOR**                Furniture and various wood substrates (M.D.F., Chipboard) using suitable metallic lamps to give full through cure.

**PROPERTIES**

**COLOUR**                                    White and pastel colors.  
**GLOSS LEVEL**                              Full gloss.  
**CHEMICAL RESISTANCE**                Good.  
**SOLVENT RESISTANCE**                 Good.  
**ABRASION RESISTANCE**                Good.  
**HARDNESS**                                 Very good.  
**LIGHTFASTNESS**                        Negligible yellowing when used in internal applications.

**TECHNICAL DATA**

**VOLUME SOLIDS**                            90 ± 1 %  
**THEORETICAL COVERAGE**            200 - 300 metres<sup>2</sup> for each coat

**APPLICATION METHODS**                Conventional spray, pressure pot, automatic spray line  
**FLASHPOINT**                                < 23 °C  
**SHELF LIFE**                                 6 months at 25 °C in original sealed containers

**PACKAGING**                                4 Lts    20 Lts

### SYSTEM RECOMMENDATIONS

<u>SUBSTRATE</u>	<u>PREPARATION</u>	<u>COATING SEQUENCE</u>
M..D.F.	Scuff back and dust off	1 <sup>st</sup> coat : UV230 White U.V. Cure Undercoat Finish coats : UV1000 White UV Cure Topcoat
PARTICLE BOARD	Scuff back and dust off	1 <sup>st</sup> coat : UV230 White UV Cure Undercoat Finish coats : UV1000 White UV Cure Topcoat

**SURFACE PREPARATION**

**M.D.F.**                                        Should NOT be applied directly over M.D.F.  
 Appropriate undercoats are available such as UV230 UV Cure Undercoat.



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### APPLICATION

#### **THINNING**

UV1000 White UV Cure Topcoat should be thinned with UV1000 Thinner.  
Refer to the manufacturer for recommendations in specific cases.

#### **SPRAYING**

Conventional syphon pot : 385 kPa (50 psi)  
Conventional pressure pot : 300 - 450 kPa (45-65 psi)  
Pressure at pot : 65 kPa (10 psi)  
Pressure at Gun : 385 kPa (50 psi)  
Automatic spray equipment.

N.B. If recoating is required, sand back to ensure an adequate key between coats.

#### **EQUIPMENT CLEANUP**

All equipment should be thoroughly cleaned with  
(BC Coatings) UV1000 compatible thinner.

### SAFETY PRECAUTIONS

Provide adequate ventilation during use.  
Airflow should be adequate to ensure a comfortable working

atmosphere.

When spray painting, users should comply with the provisions of the State  
Spray Painting Regulations.

Where this is not possible, operators must use an air supplied respirator  
complying with Australian Standards AS1715 and AS1716.

This product is flammable and all sources of ignition (flame, pilot lights,  
furnaces, spark producing switches & etc.) must be eliminated in, or near the  
application area.

**DO NOT SMOKE.**

This product contains photo-initiator and the necessary precautions must be  
observed when handling this material.

Avoid contact with skin and eyes.

Wear protective goggles and gloves when handling the material.

In the case of skin contact, remove contaminated clothing and wash skin  
thoroughly with clean water.

Seek medical attention if eyes are affected by splashes or fumes.

### GENERAL PRECAUTIONS

Do not apply this product at temperatures below 10 °C or relative humidity above 85 %.

If recoating is required, the surface must be lightly abraded and then dusted to ensure maximum intercoat  
adhesion. Shelf life is normally 6 months but depends on storage conditions.

**DANGEROUS GOODS** Class 3.1

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PAINT HFP

This data sheet is based on information in BC Coatings possession at date of issue.

BC Coatings supplies its products only on condition that the consumer is satisfied as to the performance of the  
product in meeting their particular requirements.

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