

## TECHNICAL DATA SHEET

### PURPOSE

## SABRETHANE VARNISH

REVISION DATE: July 2024  
(Supersedes all previous publications)



### PRODUCT INFORMATION

#### PRODUCT DESCRIPTION

**SABRETHANE** is a tough hard-polyurethane clear varnish for interior use. Available in gloss and eggshell finish.

#### PRODUCT USES

For internal woodwork like skirtings, cupboards, tables, low traffic floors and bar counters. For high traffic floors and bar counters refer to SABRE M.C. FLOORKOTE

### BENEFITS & FEATURES

- Excellent mar resistance.
- Excellent adhesion to wood surfaces.
- Resistant to alcohol, most household chemical and moisture.
- Lead free

### TECHNICAL INFORMATION

#### GENERIC TYPE

Polyurethane modified alkyd

#### FINISH

Clear Gloss and Eggshell

#### VOLUME SOLIDS

46 ± 1%

#### SPECIFIC GRAVITY

0.95kg/litre (typical)

#### RECOMMENDED DFT

25 - 30 Microns per coat. Two coats required.

#### RECOMMENDED WFT

50 - 65 Microns per coat. Two coats required.

#### SPREAD RATE

Smooth and sealed	Porous
10 - 12 m <sup>2</sup> /ℓ	6 - 8 m <sup>2</sup> /ℓ
Open wood grain will reduce spread rate	

#### 100% LEAD FREE

Yes

#### FLASH POINT

38°C

#### COLOURS

Clear

#### PACK SIZE

500ml, 1ℓ, 5ℓ

#### STORAGE

Store away from direct sunlight, heat and severely cold or damp conditions. Ensure that containers are properly sealed before storage.

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## APPLICATION DETAILS

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### PRIOR TO USE

Mix well using a flat paddle until homogeneous in consistency. When using eggshell, mix frequently during use to ensure an even finish.

### APPLICATION METHOD

Ready for use with brush, mohair roller or airless spray.

### THINNING

Mineral turpentine

### CLEANING OF EQUIPMENT

Mineral turpentine

### DRYING TIME (@ 23°C & 50% RH)

Touch dry            2 hours

Over coating        12 hours

*Note: higher temperatures will accelerate the drying times (approximately halved for every 10°C increase), whilst lower temperatures will retard the drying times (approximately doubled for every 10°C decrease).*

### APPLICATION CONDITIONS

	MIN	MAX
Surface Temp (°C)	10 °C	40°C
Ambient Temp (°C)	10 °C	40°C
Relative Humidity	10%	85%
<i>or 4°C minimum above dew point</i>		

### SUBSTRATE CONDITIONS

Substrate must be clean, dry and sound for painting. **Moisture content** must be **below 5% WME**, measured using a PROTIMETER (or equally approved). Source of moisture must not be constant and needs to be rectified.

### SAFETY PRECAUTIONS

Ensure good ventilation during application and curing process.

Keep out of reach from children.

In case of skin contact, wash with soap and water.

In case of eye contact rinse immediately with running water and seek medical advice if eyes are irritated.

If swallowed, do not induce vomiting and seek medical attention.

Always wear the appropriate protective clothing during product handling and application.

Refer to Material Safety Data Sheet on our website for more detailed safety information.

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## **SURFACE PREPARATION**

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Ensure that all surfaces are dry, clean and free of oil, grease and in accordance with above **SUBSTRATE CONDITIONS**. Fill any holes or defects using a suitable WOOD FILLER to correct colour. Alternatively collect the saw dust from sanding and mix with the SABRETHANE VARNISH and use for filling.

### **NEW WORK**

All cracks, open joints and nail holes must be filled with a non-shrink stopping of the correct shade. Sandpaper to a smooth finish and wipe down with a turpentine moistened cloth. Apply a primer coat of varnish reduced 10% with Mineral Turpentine. Allow to dry, sandpaper lightly and dust.

### **PREVIOUSLY PAINTED SURFACES**

#### **BAD CONDITION**

Clean wood using WASHING SODA.

Blackened or stained timber may be bleached by applying a solution of OXALIC ACID (500g in 5L warm water). Wear rubber gloves and refer to manufacturer safety precautions. Wash down with clean tap water and allow to dry. Sandpaper with 100 Grit sand paper in the direction of the wood grain and wipe down with a turpentine moistened cloth.

Apply a primer coat of varnish reduced 15% with MINERAL TURPENTINE. Allow to dry, sandpaper lightly and dust surface.

#### **GOOD CONDITION**

Sandpaper lightly with 100 grit sandpaper to provide a key. Wipe down with a turpentine moistened cloth.

### **FINAL COATS**

Apply two coats SABRETHANE VARNISH as supplied, allowing 12 hours drying time between coats.

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## **DISCLAIMER**

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*The technical information contained in this document are given in good faith and are meant to be used as a guideline by the specifier or user. Whilst we are confident about the quality of our products, we cannot accept any liability for the incorrect use or application of our products. Surface preparation forms an integral part of the scope of works and it is expected that the highest standards are maintained during surface preparation and application, to ensure that our products perform as intended. Always ensure to use the same product batch numbers, refrain from doing spot touch-ups and paint surfaces from corner to corner to prevent colour and sheen variance.*

Please note that all our latest Product Data Sheets and Material Safety Data Sheets are available for viewing on our website at [www.sabre.co.za](http://www.sabre.co.za)

**SABRE PAINTS (PTY) LIMITED**