

Product Data Sheet

644-(1)-04/14



Makers of Fine Paint Since 1962

ISSUED: 22 April 2014

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644 Clear-thane

USE

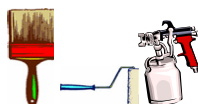


THINNER/CLEAN



Mineral
Turpentine

APPLICATION



RE-COAT



8 - 12 Hrs

HAZARD



644 Clear-thane is a single pack clear polyurethane, available in gloss or satin, for use on interior joinery and furniture. It has excellent resistance to abrasion, heat, moisture, and most oils, solvents and chemicals.

SURFACE PREPARATION: Surface to be coated should be free from all waxes, oils or grease. Sand timber to a smooth surface prior to application and ensure that all dust is removed with a "tack rag".

APPLICATION: Stir thoroughly with a flat paddle before and during use. Do not shake can as this aerates the product. A minimum of two coats of 644 Clear-thane should be applied. On very porous timbers or areas that will experience high wear (e.g. table top) a third coat may be required. Apply by brush, roller or spray. Sand lightly but uniformly between coats. Always sand in the direction of the grain.

PREVIOUSLY VARNISHED SURFACES: Sand lightly but uniformly between coats. Always sand in the direction of the grain. Wipe area to be coated with mineral turpentine and allow to dry. Apply 1 or 2 coats of 644 Clear-thane as above. NOTE: Some old surfaces that have been previously waxed, oiled or maintained with furniture polish, can contribute to coating, adhesion or drying problems. It is sometimes advisable to test paint an area first before proceeding with the entire job. If any problems are noticed during the test paint please consult Topline Paint Pty Ltd before proceeding.

DRYING: Touch dry in 2 hours. Recoat after 8 - 12 hours. Drying times refer to normal conditions (25°C, 50% humidity). Under cooler, humid or still conditions, longer drying times may be necessary. **DO NOT USE IN TEMPERATURES BELOW 10°C OR ABOVE 30°C.** The temperature should not fall below 10°C during the drying process.

THINNING: Not necessary for brush or roller application. Thin approximately 10% for conventional spray application with Mineral Turps.

CLEAN UP: Mineral turpentine.

COVERAGE: 12-14 m² per litre.

STORAGE: 644 Clear-thane should be stored in moderate temperature.

GLOSS LEVEL: 644 Clear-thane Satin is a high satin finish. Should a flatter finish be required Spescoat 641 Add-matt may be added to reduce gloss level. For a gloss finish, use 644 Clear-thane Gloss.

STAINING: 644 Clear-thane can be applied over most oil or spirit wood stains. Alternatively some concentrated additive stains can be mixed into 644 Clear-thane.

CAUTION: Do not apply very heavy coats, particularly to horizontal surfaces. This may result in drying problems and subsequent wrinkling when over coated.

MAINTENANCE: 644 clear-thane is easily cleaned using normal household non-abrasive cleaners. Do not use silicone based furniture polishes, as they cause painting problems later. Should 644 Clear-thane satin become scratched or worn, it can be easily refurbished using 648 Danish Oil.

TOPLINE PAINT PTY LTD

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Customers need to appreciate that as Topline Paint cannot control the conditions under which our products are used, we therefore are unable to guarantee suitability or accuracy in every situation. If any doubt exists, do check with our technical people. Before large-scale use always test on a small sample and ascertain suitability. No warranties express or implied are made. The risks and liability arising from handling, storage, use and compliance with legal restrictions, rests with the buyer.



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PRECAUTIONS:

The following information is a general guide only. Industrial users (ie where the product is being used in the workplace) are legally required to have available a Material Safety Data Sheet on this product. If you are unsure if you have an MSDS on this product please contact Topline Paint and one will be provided.

Safety Directions: **KEEP OUT OF REACH OF CHILDREN – DO NOT SWALLOW.** Breathing the vapour is harmful and may cause lung irritation. Avoid contact with skin and eyes. Wear suitable, protective clothing, eye protection and impervious gloves when mixing and using. Handling and usage of this product must be carried out under well ventilation conditions that prevent inhalation of vapours, dust or mist. Use the appropriate breathing equipment (refer to Aust Stand. 1716) when ventilation is restricted. Keep containers closed when not in use. Eliminate any source of ignition (open fires, pilot lights, furnaces, spark producing switches etc.) as this product is flammable. **DO NOT SMOKE.** Take precautionary measures against static discharges. Used clean up rags may spontaneously ignite. To avoid ignition immerse in water or store in a sealable glass container.

First Aid Instructions: If affected by inhalation, remove to fresh air. If breathing difficulty persists or occurs later, consult a doctor. If swallowed, **DO NOT INDUCE VOMITING** drink plenty of water and seek medical advice. Contact a Doctor of Poisons Information Centre (Phone 131126). If skin contact occurs, remove contaminated clothing and wash skin thoroughly with soap and water. If irritation occurs seek prompt medical advice. Immerse contaminated clothing in water for 24 hours and do not use until laundered. In case of eye contact, hold eyes open and flood with running water for at least 15 minutes seek medical advice.

Leaks, Spills and Disposal: To prevent ignition of fumes product shut off all ignition sources. Contain or shut off leak if safe to do so. For large leaks or spills of volatile, flammable product, use respiratory protection, protective apparel and footwear. Spills should be absorbed either with rags (small spill) or dry sand/earth (large spill). In the case of flammable product spillage, use spark free implements to place rags or absorbed material into a solvent resistant container. Cover with water for 24 hours before disposal. DO NOT pour left over product down the drain – retain it in marked sealed container for future use or disposal through chemical waste collection programs. Dried empty cans can be recycled and should be disposed of via council steel recycling facilities.

Fire: Use foam and breathing apparatus. Avoid breathing products of combustion.

Hazard: The coloured square at the top of page 1 is provided for a quick reference as to the hazard level of a product. Blue refers to coatings with low hazard (eg water based wall paints). Yellow refers to medium hazard products such as QD enamels, which contain solvents, are flammable and need respirators for vapour protection. Red refers to products with special hazards such as isocyanate cured two pack finishes

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