

Product Data Sheet

451-(9)-02/18



Makers of Fine Paint Since 1962

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Page 1 of 2

451 Topcat

USE



THINNER/CLEAN



T-2
T-14

APPLICATION



RECOAT



HAZARD



Designed for furniture manufacturers and restorers. 451 Topcat is an economical medium solids pre-catalysed nitrocellulose furniture lacquer which is fast drying, abrasion and impact resistant and enhances the natural timber look.

USES: Ideally suited for most types of furniture where hard wearing, impact resistant surfaces are required, such as desk tops, bar stools, coffee tables, etc.

SURFACE PREPARATION: Use over 452 Precat Sanding Sealer. Ensure the coat of 452 Precat Sanding Sealer has been sanded using 300-400 grit drilube paper and is free from dust. Use caution if using tack rags or similar to remove dust. Some tack rags may leave a residue that can cause "fish eye" problems.

APPLICATION: Spray Only. Stir thoroughly until product is uniform. Use conventional, pressure pot or airless spray equipment. Apply 1 to 3 coats of 451 Topcat with a recoat time of between 45 minutes and 3 hours.

Apply two double-header coats of 451 Topcat at 300 – 350 kpa (45 - 50 psi), and allow ½ hour to air dry before sanding with 300 – 400 grit drilube paper. Avoid spraying at excessive pressures as this may compromise the products performance.

THINNING: Thin 462 Topcat 20-30% by volume (1000 mls paint and 200-300 mls T-2) with T-2 Lacquer Thinner for conventional spray application.

CLEAN UP: T-2 Lacquer Thinner or T-14 Gunwash.

DRYING: Dust free in 20 minutes. Hard Dry/Sand after 2 hours minutes (@ 25°C). Re-coat after 45 min to 1 hour hours depending on film build applied.

COLOUR: Clear, Limited range of colours available on enquiry.

FINISH: 30% Gloss, 50% Gloss, 70% Gloss.

COVERAGE: Theoretical coverage 6-7 m²/litre at 25 micron dry film thickness (depending on grain of the timber).

PACK SIZES: 4 Litre, 20 Litre.

VEHICLE TYPE: A pre-catalysed modified nitrocellulose lacquer.

FILM PROPERTIES:

Solvent Resistance	Fair.	Chemical Resistance	Not Recommended
Abrasion Resistance	Excellent.	Impact Resistance	Good
Heat Resistance	Good up to 80°C. (dry)	Flexibility	Good

OTHER INFORMATION: 451 Topcat has a shelf life of approximately 12 months. Store at temperatures below 35°C. Higher temperatures may reduce shelf life.

Do not use 451 Topcat over Sanding Sealers not specifically formulated for Precatalysed Lacquers. White hazing of fogging of the film may result.

If re-coating any time after the coating has fully hardened (24 – 48 hours) full and thorough sanding of the surface with 300-400 grit drilube paper is essential to ensure adhesion of the subsequent coats.

451 Topcat is not recommended for high wear environments such as kitchens or moist environments such as bathrooms. Topline's Acid Cure Two Pack Lacquer should be used in these situations.

TOPLINE PAINT PTY LTD

Telephone: (08) 8384 1188

33 ALDERSHOT ROAD, LONSDALE, SOUTH AUSTRALIA 5160.

Fax: (08) 8326 1824

E-mail: admin@toplinepaint.com.au

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.





451 Topcat

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 Safety Data Sheet on this product. If you are unsure if you have an SDS 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