Makers of Fine Paint Since 1962

ISSUED: 11 April 2014

502 Urethane Enamel Additive

USE	THINNER/CLEAN	APPLICATION	RECOAT	HAZARD
	 T-80			ISOCYANATES

HEAVY DUTY

502 Urethane Enamel Additive is an 'isocyanate cross-linker' designed to improve the petrol resistance, gloss, durability, drying and resistance to chemicals and oil of alkyd based enamels.

USES: 502 Urethane Enamel Additive has been developed for use in 525 Ultracoat and 520 Implement Enamel. It may also be used in 515 Equipment Enamel and 521 Drum Enamel, however this is generally uneconomic.

502 Urethane Enamel Additive is particularly recommended for use in enamels used in the automotive and earthmoving industries and where drying of the paint film has to be hastened to enable work to be finished quickly. An important feature of its use in coatings where contact with petrol or diesel is likely as 502 Urethane Enamel Additive improves petrol resistance of the coating.

IMPORTANT NOTICE: As 502 Urethane Enamel Additive is based on isocyanate resin chemistry you must be aware of the health and safety implications of adding it to your paint. The spray painting masks that you are use for spraying normal enamels may not provide protection from free isocyanate in the spray mist. Please check that your respiratory protection equipment is recommended for use with isocyanate containing paints. Isocyanate materials are sensitisers and your reaction to them can increase with exposure. Exposure can produce an asthma like reaction in your breathing and this can be serious in some people. Properly managed this material is safe to use (the Crash Repair Industry use isocyanate based hardeners with their 2K acrylics daily) but you need to take these precautions seriously.

SURFACE PREPARATION: Refer to the individual products data sheet.

APPLICATION: Refer to the individual products data sheet.

THINNING: Refer to the individual products data sheet.

CLEAN UP: Refer individual products data sheet.

DRYING: Will generally improve drying speed of coating in which it is used.

COLOUR: Will not influence colour of product with which it is used.

FINISH: If used in satin or reduced gloss finishes the use of 502 Urethane Enamel Additive may increase gloss slightly. 502 Urethane Enamel Additive can also improve the gloss (depth of image).

USAGE RATE: Recommended rate of addition is 500ml per 4lt. Use of greater quantities will not greatly improve coating properties. Use of lesser amounts will produce an improvement in the coatings performance but not to such a degree as the 500ml addition.

PACK SIZES: 500 ml.

RESISTANCES: 502 Urethane Enamel Additive will typically improve the solvent resistance, abrasion resistance, chemical resistance and impact properties of the above enamels.

FILM PROPERTIES: Will improve film properties but base properties are still dependant on the paint being used.

TOPLINE PAINT PTY LTD **33 ALDERSHOT ROAD, LONSDALE, SOUTH AUSTRALIA 5160.**

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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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