

740- Acrylic Lacquer

PRODUCT DESCRIPTION AND USES

Acrylic Lacquer is a non-convertible (thermoplastic) acrylic lacquer suitable where short drying and recoating times are required. This product dries to a hard mar-resistant coating with excellent light stability and high 'off the gun' gloss. Being a lacquer this paint re-dissolves in strong solvents, but will tolerate petrol and weak solvents such as mineral turpentine. Acrylic Lacquer is ideal for use in the furniture finishing industry, but is not suitable for use on automotive exteriors.

PHYSICAL PROPERTIES

Colour/Texture	Available in Black, White and Clear in a finish, but custom tints are available upon request
Volume Solids	34% (White)
Product Density	1.14kg/litre
Drying Time	Tack Dry: 5-10 minutes Hard Dry: 6 hours
Recoat Time	1-2 hours
Flashpoint	29°C

SURFACE PREPARATION

Ensure surface is clean and dry before application. On new work ensure that the correct sealer i.e. 930-Custom Wood or 932-Sanding Sealer has been applied and is well cured. To paint on top of existing 740-Acrylic Lacquer ensure that the surface is sanded and thoroughly wiped down to remove all dust and contaminants. LT1 Thinners may be used for this purpose.

APPLICATION DATA

Conventional spray or dipping methods are appropriate. For brush application refer to Protective Paints Technical Staff for recommended application data. When spraying apply 3-5 coats with 10-15 minute intervals. Do not apply in humid conditions as blooming may occur. If this happens the gloss can be restored by polishing after the paint has hardened. Ensure the surface to be coated is above 10°C as dry times and gloss levels may be affected.

Recommended D.F.T	20 microns
Recommended W.F.T	60 microns
Theoretical Spreading Rate	16m ² /litre @ 20 microns D.F.T Spraying Viscosity (40% thinners added) In practice allow 25% loss when spraying
Thinners	Spraying: Add 40% LT1 Thinners by volume Dipping: When dipping the thinning rate depends on the substrate and the finish required

Normally thinning to 40-45 seconds/F4 cup is optimal. Use special Retarder Solvent when brushing to obtain an acceptable finish.

HEALTH AND SAFETY

Irritant

Avoid contact with skin and eyes. Avoid breathing vapour or sanding dust. When using this product it is recommended that full overalls, gloves, face mask and goggles be worn. Store container in a safe place when not in use. Do not burn container.

FIRST AID

EYES

Flush with water for at least 15 minutes and seek medical advice.

SKIN

Wash contact areas with soap and water. Remove all contaminated clothing, and seek medical advice. Do not scrub.

INHALATION

Remove patient from further exposure, and keep patient warm and comfortable.

INGESTION

Do not induce vomiting. Rinse mouth with water. Seek medical advice as soon as possible.

TRANSPORTATION AND DISPOSAL

Class

3

Hazchem Code

•3YE (3); •3Y

UN No

1263

Packing Group No

III

Fire Extinguishing Media

CO², Foam, Dry Chemical

Fire Fighting Procedure

Fire fighters should wear self contained breathing apparatus. Fight fire from a protected location as product may explode on heating. The vapours are heavier than air, so may travel along the ground to accumulate in low areas. Fire may flash back along vapour trail, and can also react with oxidising agents.

Spills should be cleaned up immediately by using sand or other non-flammable absorbent materials. Ensure material does not enter waterways.

Dispose of empty containers in accordance with local by laws.

OTHER INFORMATION

This product may be used for a wide variety of surfaces. If the surface you propose to paint is not referred to, contact Protective Paints Technical Department for classification.

For further technical information please phone 0800 724 684.

RELIABILITY OF INFORMATION

All statements and technical information contained herein are based on tests we believe to be reliable but the accuracy thereof is not guaranteed. Since Protective Paints Ltd has no control over product application, purchasers and users must confirm the suitability of our products under their conditions to meet their own requirements.

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