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101ET ENAMEL THINNER – TECHNICAL DATA SHEET

Product Identification

Product Name: 101ET Enamel Thinner

Product Type: Hydrocarbon Solvent Blend

Recommended Use: Thinner and viscosity reducer for solvent-borne enamels, primers, and industrial coatings.

Product Description

101ET Enamel Thinner is a fast-evaporating hydrocarbon solvent blend formulated for reducing viscosity and improving spray performance of solvent-borne coatings, including quick-drying enamels and structural primers. It promotes improved atomisation, flow, and finish consistency when used in accordance with coating manufacturer recommendations.

Typical Physical Properties

Property	Value
Appearance	Clear liquid
Odour	Hydrocarbon solvent
Specific Gravity	0.80 – 0.90 kg/L
Solubility in Water	Insoluble
Non-Volatile Content	0%
Flash Point	-1°C (Closed Cup)
Boiling Range (Based on solvent mix)	95 - 140°C

Values shown are typical and not product specifications.

Packaging

Available in 4 L and 20 L containers. Other pack sizes may be available upon request.

Recommended Uses

Suitable for spray-applied quick drying enamels, structural steel primers, and general industrial solvent-borne coatings. Not recommended for water-based coatings.

Application Guidelines

Mixing Ratio: Add gradually while stirring until required viscosity is achieved. Typical addition rate is up to 30% by volume for conventional spray applications or as specified by coating manufacturer.

Equipment Compatibility: Conventional spray guns, pressure feed spray systems, and air-assisted spray equipment.

Surface Preparation

Not applicable. This product is a thinner and does not contact substrate directly. Ensure coating material to be reduced is properly mixed and filtered before thinning.

Safety & Handling

Flammable liquid. Keep away from ignition sources. Use only in well-ventilated areas. Avoid inhalation of vapours and skin contact. Wear suitable PPE including respirator, gloves, and eye protection. Refer to Safety Data Sheet before use.

Storage

Store in original sealed containers in a cool, dry, well-ventilated area away from heat, sparks, and open flames. Protect from direct sunlight.

Limitations

Not suitable for use as a cleaner for plastics or delicate substrates. Excess addition may negatively affect coating performance, film build, or curing characteristics. Always confirm compatibility before large-scale use.

Disclaimer

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