

Technical Data Sheet

Uniguard Epoxy Thinner

Product Description

Uniguard Epoxy Thinner is a specially formulated mixture of organic solvents designed to reduce the viscosity of epoxy-based products, enhancing their application properties for smoother and even finishes. It is suitable for a wide range of epoxy paints and coatings, providing excellent thinning properties without compromising the performance of the end product.

Features and Benefits

- Reduces viscosity, facilitating easier application.
- Improves flow and leveling characteristics of epoxy products.
- Enhances film appearance and adhesion of applied coatings.

Typical use

- Thinning of epoxy primers, paints, and coatings for spray, brush, or roller application.
- Cleaning tools and equipment used in epoxy applications.

Product Data

Packaging Size 5 L and 20 L

Form Liquid Colors Clear

Density $0.83 - 0.87 \text{ g/cm}^3$ **Recommended Dosage** 5% - 10% by volume.

Application data

The product can be applied by

Roller Recommended

Brush Recommended

Spray Recommended

Cleaning of painting tools

Immediate cleaning with xylene is necessary.

Film Thickness per coat

Dry film thickness --

Theoretical spreading rate --

Thinner (Solvent to mix with)

NA

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Dilution (Mix Ratio)

NA

Conditions during application

Do not apply if the temperature is below 5°C and not more than 40°C.

Drying and curing time	25 °C
Surface (touch) dry	1 h
Dry to over coat, minimum @ RH%50	1 h
Full Cure	3 h

Directions for use

Surface preparation

- Ensure that surface is thoroughly cleaned and free from grease, oil, dirt, salt and other containment.
- Clean the surface with water.

Using Method

- Stir well before use.
- Mix gradually into paint or coating until desired consistency is achieved.
- Use Uniguard Epoxy Thinner for cleaning equipment. Ensure all safety protocols are followed during cleaning.

Storage

- Store in cool, dry place in a well-sealed container away from moist air for 24 months.
- Keep away from heat, ignition sources and from children.

Caution

- Clean mixing container before use. Do not use dirty tools.
- Do not exceed dilution ratios.
- Keep out of the reach of children

Health and safety

Possible Hazards: It causes irritation in case of skin contact & eye contact, flush immediately with plenty of water for at least 10 minutes and seek medical advice in case it happened. For more information, refer to safety data sheet.

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