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PRODUCT DATA SHEET

Rev. 1

T.D.S.

SUPER CLEAR MATTE

DESCRIPTION

Edgechem Super Clear Matte is a Two-pack, colorless matting finish for application over hard dry topcoats such as Automel Super 2011. It dries to an even, smooth matte finish, making it an ideal choice for custom refinishes and other applications where a reduced gloss is required. This easy to use product features exceptional flow and leveling as well as superior transparency, allowing the base color to show through.

It is designed to offer a no gloss look when used over any color basecoat paint, while offering the UV protection and durability of a standard clearcoat finish.

Super Clear Matte maybe intermixed with Edgechem Super Clear at different ratios for different finishes ranging from matte to high semi-gloss.

PERFORMANCE FEATURES

- **High build**
- **Provides an extremely uniform low gloss finish**
- **Can be used alone or mixed with Edgechem Super Clear to produce a wide range of gloss levels**
- **Fast drying**
- **Chemical resistant**
- **UV resistant**
- **Tough, mar resistant finish**
- **Excellent product performance on full body matte clearcoat vehicles**
- **Uses existing Edgechem Urethane Hardeners and Urethane Reducers**

PHYSICAL PROPERTIES

Drying Time

Dust dry	:	30 minutes
Tack-free	:	1.5 hours
Dry to handle	:	4-5 hours
Through dry	:	12 hours

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The suggestions recommendations and technical data in this document are based on information we believe to be valid. However, they are offered without guarantee as application and methods of use of our products are beyond our control. We recommend that users evaluate our materials before adopting them for commercial uses. Suggestions for use of our products should not be understood as recommendations that may be used in violation of any patent.

SUPER CLEAR MATTE

COVERAGE RATE

Taking into account a transfer efficiency of 70%, the theoretical material usage for one layer is 9 m²/l ready to spray mixture which calculates to 16 m²/l unthinned paint at 30µm.

Note: The practical material usage depends on many factors i.e. shape of the object, roughness of the surface, application method and application circumstances.

SUGGESTED USES

Edgechem Super Clear Matte can be used over existing hard dry finishes and Automel Super Basecoat Xtra.

SURFACE PREPARATION

To be applied over Edgechem Automel Super Xtra Basecoat. See data sheet for Automel Super Xtra Basecoat.

If applying Super Clear Matte over an existing finish, remove all traces of wax, grease, silicone, oil and other contaminants by washing with a suitable detergent followed with a solvent wash with Edgechem Degreaser. Sand existing finish to abrade with 600-800 grit and clean area.

APPLICATION

Apply Super Clear Matte in two (2) medium wet coats as necessary to achieve the desired build, allowing ten (10) to fifteen (15) minutes flash time between coats (+/- depending on air flow and temperature). Super Clear Matte should be applied over basecoat before 18 hours have elapsed. After maximum recoat window has passed, surface must first be abraded before Super Clear Matte application.

Care should be taken to ensure uniform application and consistent spray technique when using Super Clear Matte. Extreme differences in wet film build will result in variations in the gloss once the clear has dried. Shooting additional coats, or heavier, wetter coats, will result in an increased gloss level. Applying the material in lighter coats from an increased distance can further decrease the gloss to more of a flat finish.

SUPER CLEAR MATTE**Mixing Ratio**

3 Parts by volume of Super Clear Matte
1 Parts by volume of Urethane Hardener
1 Parts by volume of Urethane Reducer

Pot Life

2 hours at 27°C - with Urethane Regular Hardener
4 hours at 27°C - with Urethane Slow Hardener

Recommended air pressure at the spray gun must not exceed 55 psi.

Gloss Level Adjustments

The following gloss levels can be achieved by mixing Super Clear Matte by volume in different ratios with Edgechem Super Clear.

Gloss Level	Volume Percent	
	Super Clear Matte	Super Clear
Matte	100	0
Semi Gloss	50	50
Gloss	0	100

SHELFLIFE

2 years

CLEAN UP

Clean up with Edgechem Lacquer Thinner