

TECHNICAL DATA SHEET

STILACRYL® RM 565

PRODUCT INFORMATION

Product Name: Stilacryl® RM 565

Composition: MMA-Based Resin

Color: Transparent

Applications:

- Cold plastic road markings
- Coating-type thick-film paints
- Production of high-performance MMA road paint



PRODUCT ADVANTAGES

Stilacryl® RM 565 is a methyl methacrylate (MMA)-based resin specially developed for cold plastic road marking applications. It provides excellent resistance to heavy traffic conditions, abrasion, UV radiation, fuels, road salts, and chemicals.

Key Features:

- **High UV Resistance:** Maintains its color and structure for a long time against sunlight exposure.
- **Excellent Surface Compatibility:** Delivers outstanding performance on different types of surfaces.
- **High Abrasion Resistance:** Retains its form even under intense traffic conditions.
- **Excellent Adhesion Strength:** Strongly adheres to the surface, preventing peeling and cracking.

APPLICATION PROPERTIES

Application Information:

Pre-Application Preparation

- **Mixing:** If Stilacryl® RM 565 has been stored for a long period at low temperatures, it should be thoroughly mixed until a homogeneous consistency is achieved before application.
- **Curing / Mixing Ratio:** The product should be mixed homogeneously with 1% BPO (Benzoyl Peroxide) hardener at an ambient temperature of 25 °C and applied immediately afterward.
- **Application Method:** The product is specially formulated for manual applications and 2K acrylic road marking paints.
- **Application Thickness:** For maximum performance and efficiency, the recommended application thickness is 2–3 mm for road marking paints and 3 mm for coating applications.
- **Packaging:** The product is supplied in standard 200 kg drums.

Color: Transparent

Shelf Life: 12 months at 25°C / 6 months at 30°C

Application Temperature: 5 °C–45 °C

Viscosity
(20°C / DIN 4): 25 ± 1 s

Density (20°C): 0.96 ± 0.05 g/cm³

Solid Content: %33 ± 1

Pot life: 10–15 min

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LIABILITY

The information provided in this data sheet is not intended to be exhaustive. The product may not be used for any purpose other than those specifically recommended on this page without obtaining prior written confirmation from us regarding its suitability for the intended purpose. Doing otherwise is entirely at the user's own risk.

As conditions of use, the application method during painting and the suitability of the substrate are beyond our control. The recommendations contained herein do not constitute any warranty. Therefore, we do not accept any liability whatsoever for the performance of this product or for any loss or damage arising from its use.

The information on this page is subject to change from time to time in light of experience and our continuous product development programs. It is the user's responsibility to ensure that this sheet is up to date prior to using the product.

SAFETY PRECAUTIONS

First and foremost, all necessary Occupational Health and Safety measures must be taken in the application areas, and operations must be carried out by personnel equipped with technical knowledge and proper equipment. In accordance with Occupational Health and Safety regulations, it is mandatory to use all specified safety equipment during application, including work clothes, protective gloves, goggles, and masks. The work area must be adequately ventilated. Storage and stock areas must be kept strictly away from open flames.

Skin and eye contact with the product must be strictly avoided. In case of contact, the affected area must be washed immediately with plenty of water, and medical assistance must be sought without delay. Food and beverages must not come into contact with the product. The product must be stored and protected out of reach of children. For further details, the Material Safety Data Sheet (MSDS) must be reviewed. Furthermore, the application of the product must be performed by persons with sufficient technical knowledge, equipment, and experience. The sole responsibility in this regard rests exclusively with the user.

Note: These data have been tested under laboratory conditions by the R&D department of STL Boya ve Kimya San. Tic. Ltd. Şti. Our Company shall under no circumstances be held liable for any direct, indirect, special, incidental, or consequential losses and damages arising from the reliance upon or the use of this information.

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