

STILACRYL® 770 A ACTIVE 1:1 MMA COLD PLASTIC ROAD MARKING RESIN



TEKNİK BİLGİ FORMU

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PRODUCT INFORMATION

Product Name: Stilacryl® 770 A Active 1:1 MMA Cold Plastic Road Marking Resin

Product Code: Stilacryl® 770 A Active

Composition: MMA-based resin

Color: Semi-transparent

Applications:

- Cold plastic road markings
- Thick film paints for application
- Production of high-performance MMA road paint

PRODUCT ADVANTAGES

Stilacryl® 770 A Active 1:1 MMA Cold Plastic Road Marking Resin is a methyl methacrylate (MMA) based resin specifically developed for cold plastic road marking applications. It exhibits superior resistance to heavy traffic conditions, abrasion, UV rays, fuels, road salts, and chemicals.

Key Features:

- **High UV Resistance:** Maintains its color and structure for a long time against sunlight.
- **Superior Surface Compatibility:** Offers excellent performance on different substrate types.
- **High Abrasion Resistance:** Does not lose its form even under heavy traffic.
- **Excellent Adhesion Strength:** Adheres strongly to the substrate, preventing peeling and cracking.



APPLICATION FEATURES

Application Information:

Pre-Application Preparation

- **Mixing:** Stilacryl® 770 A Active 1:1 MMA Cold Plastic Road Marking Resin, when stored for extended periods at low temperatures, must be thoroughly mixed until a homogeneous consistency is achieved before application.
- **Curing / Mixing Ratio:** The product should be mixed homogeneously at an ambient temperature of 25 °C with the addition of 98:2 BPO (Benzoyl Peroxide) hardener and applied immediately. The accelerator-free version can also be used in combination with Stilacryl® 769 B Reactive in 1:1 system machines.
- **Application Method:** The product is specifically formulated for hand applications and 3K spray acrylic road marking paints.
- **Packaging:** The product is available in standard 200 kg drums.

Shelf Life	12 Ay
Application Temperature	5 °C- 45 °C
Viscosity (20°C / DIN4)	25± 1 Sn.
Density (20°C)	0,96 ± 0,05 gr/cm ³
Solid Content	%35 ± 1 w/w
Pot life	10-15 dk

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First and foremost, all necessary Occupational Health and Safety (OHS) measures must be taken in the application areas, and the procedures must be carried out by personnel with the necessary technical knowledge and equipment. According to OHS instructions, the use of specified work clothes, protective gloves/goggles/masks, and all other safety equipment is mandatory during application. The work area must be properly ventilated. Fire should not be brought near storage and stock areas. Contact with skin and eyes must be strictly avoided; in such a case, the affected area should be immediately washed with plenty of water, and medical assistance should be sought without delay. Food and beverages should also be kept away from the product. It should be stored and protected in a place out of reach of children. For more information, the Material Safety Data Sheet (MSDS) should be reviewed. Furthermore, the application of the product must be carried out by personnel with sufficient technical knowledge, equipment, and experience. The responsibility in this regard rests solely with the user.

Note: This data has been tested under laboratory conditions in the R&D department of STL Boya ve Kimya San.Tic.Ltd.Şti. Our company cannot be held responsible for any direct, indirect, special, or consequential losses or damages arising from the reliance on and use of this information.

SORUMLULUK

The information provided in this data sheet is not intended to be exhaustive, and the product may not be used for any purpose other than that specifically recommended on this page without our written confirmation of its suitability for the intended purpose. Otherwise, it is entirely at the user's own risk. The application method and substrate suitability during painting are beyond our control. The recommendations contained herein do not provide any guarantees. Therefore, we accept no liability whatsoever for any loss or damage arising from the performance or use of this product. The information on this page is subject to change from time to time in light of experience and ongoing product development programs. It is the user's responsibility to ensure this page is up-to-date before using the product.

