

Product code: 419963

## DOMACRYL 941

### Methacrylate Resin

#### Specification:

Property	Range	Method / According to standard
Viscosity, 23 °C	140 - 160 mPa·s	MH1007 / ISO 3219
Colour	max. 1 Gardner	MH1124 / ISO 4630

#### Typical properties:

Property	Value
Appearance	Opaque liquid
Refractive index	1.44

#### Remarks:

- » Low viscosity, fast curing methacrylate resin, used for permanent cold spray plastic road markings.
- » Markings based on Domacryl 941 are permanently elastic, weather resistant and resistant to abrasion, road salts and fuels.
- » Domacryl 941 contains paraffin which tends to float when stored for a long period of time at lower temperatures. Therefore, the binder must be homogenized before use by stirring.
- » Domacryl 941 is amine pre-activated.

#### Applications:

- » Binder for cold spray plastic road markings, hardened with dibenzoyl peroxide.
- » Used in spray application (drop-on-procedure) with reactive glass beads, in the 100:2 systems with special spray machines with liquid hardener, or 1:1 system with Domacryl 943 which is not pre-accelerated.
- » Recommended layer thickness is 0.4 - 0.8 mm.
- » Recommended application temperature is between 5 and 40 °C.
- » Domacryl 941 has a mild odour.

#### Storage:

The resin should be stored indoors in its original, unopened and undamaged container in a dry place at storage temperatures between 5 °C and 25 °C, for up to 6 months. Exposure to direct sunlight should be avoided.

#### Disclaimer

This data is based on experience, for its completeness, we assume no liability. As we take no influence on the processing, it lies within the obligation of the customer to test, whether it is suitable for the intended purpose, before using the product. Any change in the processing procedure, the environmental conditions or the failure to comply with instructions may unfavorably influence the result. This Technical Datasheet is available on our website at [www.helios.si](http://www.helios.si). Should there be any discrepancies between this document and the version that appears on the website, then the version on the Website will take precedence.