



## RCH 585

### TECHNICAL DATA SHEET

Date: 20 / 08 / 2024	Admission Number: TDS-RCH585-01
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#### PRODUCT

Class	Cold Plastic Methylmethacrylate Resin
Product Name	RCH 585
Product Code	RDC-9116-25

#### MANUFACTURER

Company	ROADCHEM RESİN BOYA VE MAKİNA LTD. ŞTİ.
Address	Ata Mahallesi Tralles Bulvarı No:6Aj Efeler-AYDIN / TURKIYE
Telephone	+90 256 502 55 09

#### PRODUCT DESCRIPTION

RCH 585 is a methylmethacrylate resin used for cold plastic road markings.

It is resistant to extreme weather conditions, abrasion, fuels, road salts and chemicals. RCH 585 has also excellent UV resistance. Depending on the fillers and additives used (whiteness, skid resistance, abrasion etc.) it is compatible with all specifications for which tests are requested. When used with the B.O.P (50%) hardener component, the reaction cannot be stopped or prolonged. It allows 10-15 minutes of application time.

Curing time varies depending on air, asphalt and the B.O.P ratio used. When RSH 585 is stored at low temperatures for a long time, it should be mixed until homogeneous before use.

#### APPLICATION INFORMATION

It is used for marking pedestrian crossings, direction arrows, safety signs and deceleration lines that can be applied with hand application materials. Specially formulated for hand application. It is applied in application thicknesses ranging from 1.5 mm to 3 mm in order to obtain maximum efficiency.

### PHYSICAL & CHEMICAL PROPERTIES

<b>Color</b>	Transparent Semi-Clear Liquid
<b>Viscosity (DIN Cup / 4mm / 20°C)</b>	30 ± 5 Sec.
<b>Specific Gravity (20°C / g/cm³)</b>	0,975 ± 0,05 g/cm³
<b>Mixing Ratio (A:B) (in weight)</b>	100:3
<b>Flash Point</b>	13°C
<b>Pot Life at + 25°C (3% / B.P.O. 50%)</b>	13-15 min.
<b>Curing Time + 20°C (3% / B.P.O. 50%)</b>	30-35 min.

### STORAGE CONDITIONS

RCH 585; remains stable for at least 6 months when stored indoors in its original packaging under suitable storage conditions (25±2 °C). It is packaged in 180 Kg steel drums or in IBC-Containers upon special request.

### IMPORTANT INFORMATION

The information provided in this data sheet is not intended to be exhaustive and may not be used for any purpose other than what is specifically recommended on this page without our written approval of the product's suitability for its intended purpose. Otherwise, it is entirely at the user's own risk. R&D Department has a right to change without prior notice is reserved.