

## MACROLIC 5545

2K hydroxy functional acrylic copolymer, able to crosslink at room temperature

### PRINCIPAL PROPERTIES

- Fast drying
- Excellent outdoor resistance
- High gloss
- Excellent weathering durability
- Good hardness
- Excellent chemical resistance

### APPLICATIONS

- Economical PU coating for GI
- Low isocyanate requirement

### PHYSICAL CONSTANTS

Solid % (120°C / 1 hr)	55 ± 2
Appearance	Clear
Color (APHA / pt-co)	20 max
Acid Value (On Solid) (mg KOH/gm)	10 max
Viscosity in sec (of 40% solution in mix-xylene at 30°C in FcB4 cup)	45-55
Hydroxyl Value (On Solid) (mg KOH/gm)	42-52

### MIXING RATIO

Mixing Ratio can be calculated as below.

OH No. \* 7.5 / NCO % = Weight of isocyanate required to cure 100 gm polyol



#### MACRO POLYMERS PVT. LTD.

165, Mahagujarat Ind. Estate, Sarkhej-Bavla Road, P.O. Moraiya, Tal. Sanand, Dist.: Ahmedabad-382213. Phone : + 91 7600060933

Website : [www.macropolymers.com](http://www.macropolymers.com)

CIN : U17119GJ1994PTC024006

**SOLUBILITY**

Mix Xylene	Soluble
Toluene	Soluble
Butyl Acetate	Soluble

**DELIVERY FORM**

MACROLIC 5545	55 ± 2% in Mix Xylene
---------------	-----------------------

**SHELF LIFE**

2 Years*
----------

\*Material should be stored in the original unopened containers under the shaded area at ambient temperature. Once opened and material used partially, after use the container must be properly sealed to avoid water and air contamination.

**MACRO POLYMERS PVT. LTD.**

165, Mahagujarat Ind. Estate, Sarkhej-Bavla Road, P.O. Moraiya,  
Tal. Sanand, Dist.: Ahmedabad-382213. Phone : + 91 7600060933

Website : [www.macropolymers.com](http://www.macropolymers.com)

CIN : U17119GJ1994PTC024006