

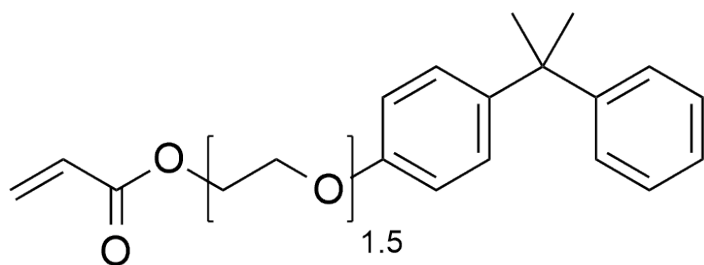
TECHNICAL DATA SHEET

SR590

Ethoxylated Cumylphenol Acrylate

DESCRIPTION

SR590 is a monomer that possesses a high liquid refractive index and flexibility. The monomer is suited for applications where refractive index matching, adhesion, and flexibility are required.



SHELF LIFE

Store in the original, closed container in a dry, cool (<45°C) and well-ventilated place. Keep away from frost and heat (open flames, hot surfaces and sources of ignition) sources. Typical shelf-life is 6 months from delivery date for unopened containers. In cases where product sampling is required to carry out incoming quality tests, shelf-life should be maintained beyond opening, provided that it is tightly closed immediately after and that contamination with foreign bodies is avoided. Inhibitors have been added to enhance storage stability. They require the presence of air in the container in order to improve their efficiency. Keep stabilizer levels constant to avoid explosive polymerization. An air space is required above the liquid in all containers

STORAGE

See SDS for Storage Considerations

HEALTH AND SAFETY

See SDS for Health & Safety Considerations

LIQUID PROPERTIES

Appearance	Clear liquid
Functionality	1
Color (Pt/Co or APHA)	<150
Viscosity at 25°C (mPa.s or cPs)	180
Density at 25°C (g/mL)	1.1032
Molecular Weight (g/mol)	326
Refractive Index at 25°C	1.55
Surface Tension at 20°C (mN/m)	40

CURED PROPERTIES

Tg (°C), by DSC	14
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PRODUCT PERFORMANCE

Shrinkage
Flexibility
Chemical Resistance
Moisture Resistance
Corrosion Resistance
Wood Adhesion
Metal Adhesion
Abrasion Resistance
Stain Resistance

SUGGESTED APPLICATIONS

Electronics
Inkjet inks
Metal coatings
Polymer synthesis
Wood coatings

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