

TECHNICAL DATA SHEET

SR348

Ethoxylated (2) Bisphenol A Dimethacrylate

DESCRIPTION

SR348 is a low volatility monomer used in free radical polymerization.

LIQUID PROPERTIES

Appearance	Clear liquid
Functionality	2
Color (Pt/Co or APHA)	<125
Color (Gd)	2.5
Density at 25°C (g/mL)	1.1223
Refractive Index at 25°C	1.5424
Surface Tension at 20°C (mN/m)	41
Viscosity at 25°C (mPa.s or cPs)	1080
Molecular Weight (g/mol)	460

CURED PROPERTIES

Tg (°C), by DSC	115
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PRODUCT PERFORMANCE

Hardness
Corrosion Resistance
Shrinkage
Moisture Resistance

SUGGESTED APPLICATIONS

Adhesives & sealants
Artificial marble
Composites
Electrical potting & encapsulation
Metal coatings
Polymer synthesis
Wood coatings

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

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