

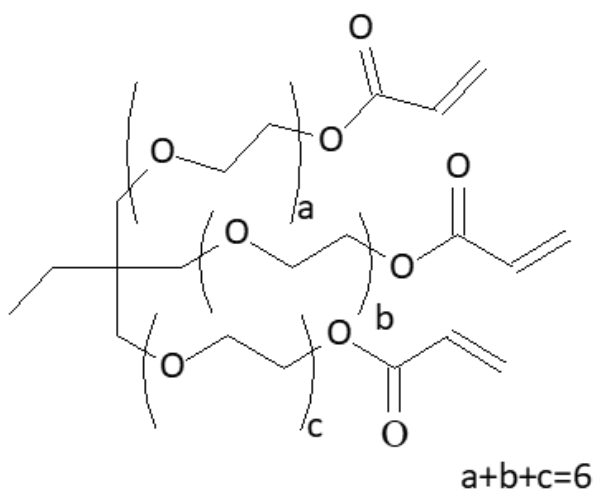
TECHNICAL DATA SHEET

SR499

Ethoxylated (6) Trimethylolpropane Triacrylate

DESCRIPTION

SR499 is a low skin irritation, fast curing monomer for use in free radical polymerization.



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	3
Color (Pt/Co or APHA)	<100
Viscosity at 25°C (mPa.s or cPs)	95
Density at 25°C (g/mL)	1.1103
Molecular Weight (g/mol)	561
Refractive Index at 25°C	1.4691
Surface Tension at 20°C (mN/m)	39

CURED PROPERTIES

Tg (°C), by DSC	-8
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PRODUCT PERFORMANCE

Pigment Wetting
Shrinkage
Flexibility
Chemical Resistance

SUGGESTED APPLICATIONS

Adhesives & sealants
 Electronics
 Flexographic inks
 Inkjet inks
 Metal coatings
 Offset inks
 Overprint varnishes
 Screen inks
 Wood coatings

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