

TECHNICAL DATA SHEET

SR501

Propoxylated (6) Trimethylolpropane Triacrylate

DESCRIPTION

SR501 is a low skin irritation, fast curing mon-omer for use in free radical polymerization

LIQUID PROPERTIES

Appearance	Clear liquid
Functionality	3
Color (Pt/Co or APHA)	<250
Density at 25°C (g/mL)	1.0481
Refractive Index at 25°C	1.4567
Surface Tension at 20°C (mN/m)	33
Viscosity at 25°C (mPa.s or cPs)	109
Molecular Weight (g/mol)	645

CURED PROPERTIES

Tg (°C), by DSC	21
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PRODUCT PERFORMANCE

Pigment Wetting
Shrinkage
Flexibility
Weatherability
Chemical Resistance
Moisture Resistance
Corrosion Resistance

SUGGESTED APPLICATIONS

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