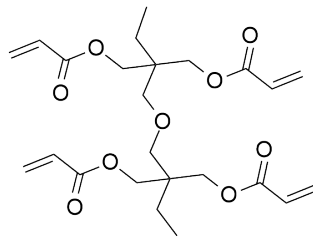


SR355

Di-Trimethylolpropane Tetraacrylate

**Description**

SR355 is a low skin irritation tetrafunctional monomer offering fast cure response and a high crosslink density upon curing.

Product performance

Chemical Resistance
Abrasion Resistance
Hardness
Scratch Resistance
Stain Resistance

Suggested applications

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

Special features

High functionality

Shelf life

Store in the original, closed container in a dry, cool (<38°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; avoid storage under an oxygen-free atmosphere.

Storage

See SDS for Storage Considerations

Health and safety

See SDS for Health & Safety Considerations

Typical values

Appearance	Clear liquid
Color (Pt/Co or APHA)	<300
Density at 25°C (g/mL)	1.013
Functionality	4
Molecular Weight (g/mol)	467
Refractive Index at 25°C	1.4758
Surface Tension at 20°C (mN/m)	36
Tg (°C), by DSC	98
Viscosity at 25°C (mPa.s or cPs)	600

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