

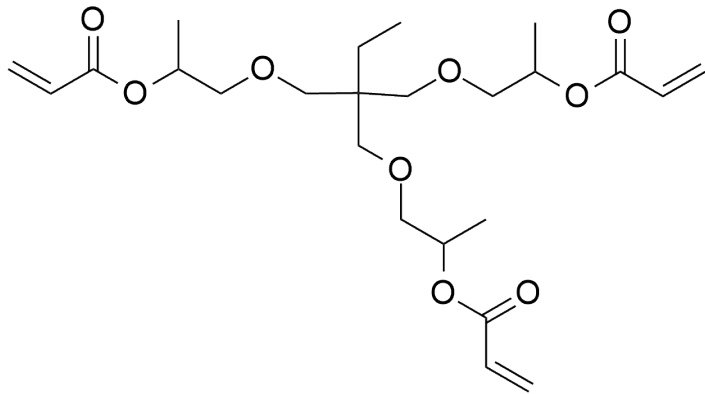
TECHNICAL DATA SHEET

SR492

Propoxylated (3) Trimethylolpropane Triacrylate

DESCRIPTION

SR492 is a low skin irritation, fast curing monomer for use in free radical polymerization.



LIQUID PROPERTIES

Appearance	Clear liquid
Functionality	3
Color (Pt/Co or APHA)	<100
Color (Gd)	30
Viscosity at 25°C (mPa.s or cPs)	90
Density at 25°C (g/mL)	1.0531
Molecular Weight (g/mol)	471
Refractive Index at 25°C	1.459
Surface Tension at 20°C (mN/m)	34

CURED PROPERTIES

Tg (°C), by DSC	-15
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PRODUCT PERFORMANCE

Pigment Wetting
Weatherability
Moisture Resistance
Corrosion Resistance
Shrinkage
Wood Adhesion
ABS/PC Adhesion
Metal Adhesion
PVC/PS Adhesion
PE/PET/PP/PMMA Adhesion
Flexibility
Scratch Resistance
Abrasion Resistance
Stain Resistance
Chemical Resistance

SUGGESTED APPLICATIONS

3D printing
Adhesives & sealants
Electronics
Flexographic inks
Inkjet inks
Metal coatings
Offset inks
Optical fibers
Overprint varnishes
Polymer synthesis
Screen inks

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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