

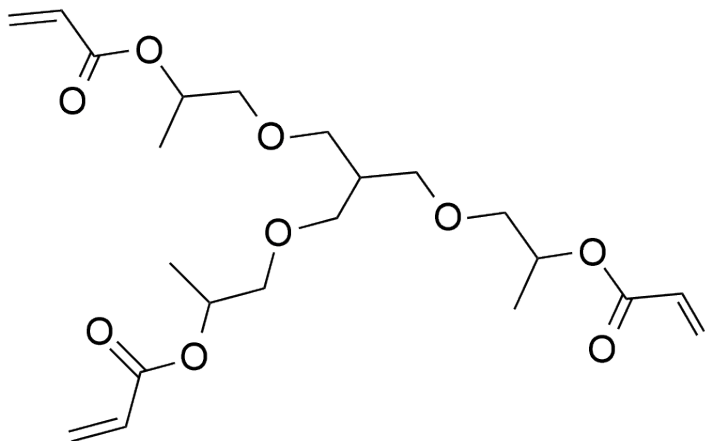
TECHNICAL DATA SHEET

SR9020

Propoxylated (3) Glyceryl Triacrylate

DESCRIPTION

SR9020 is a trifunctional monomer offering low viscosity, good flexibility, fast curing, and excellent hardness.



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
Density at 25°C (g/mL)	1.0922
Refractive Index at 25°C	1.4605
Viscosity at 25°C (mPa.s or cPs)	95
Molecular Weight (g/mol)	422
Surface Tension at 20°C (mN/m)	36

CURED PROPERTIES

Tg (°C), by DSC	18
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PRODUCT PERFORMANCE

Flexibility
Pigment Wetting
Weatherability
Scratch Resistance
Abrasion Resistance
Chemical Resistance
Moisture Resistance
Hardness
Shrinkage
Wood Adhesion
Metal Adhesion
Stain Resistance
Corrosion Resistance

SUGGESTED APPLICATIONS

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

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