

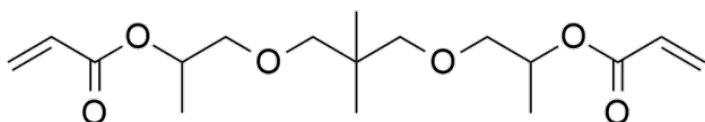
TECHNICAL DATA SHEET

SR9003 B

Propoxylated (2) Neopentyl-glycol Diacrylate

DESCRIPTION

SR9003B is a low viscosity, low skin irritation 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
Viscosity at 25°C (mPa.s or cPs)	15
Density at 25°C (g/mL)	1.008
Molecular Weight (g/mol)	328
Refractive Index at 25°C	1.4464
Surface Tension at 20°C (mN/m)	32
Functionality	2
Color (Pt/Co or APHA)	<100

CURED PROPERTIES

Tg (°C), by DSC	32
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PRODUCT PERFORMANCE

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

SUGGESTED APPLICATIONS

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

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