

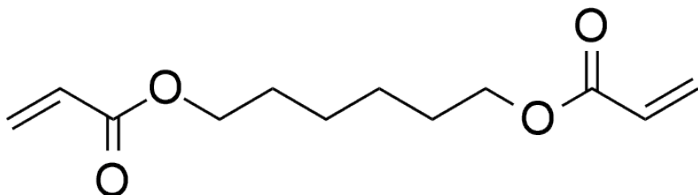
TECHNICAL DATA SHEET

SR238 B

1,6-Hexanediol Diacrylate

DESCRIPTION

SR238B is a low viscosity, fast curing monomer with low volatility, a hydrophobic backbone, and good solvency for use in free radical polymerization. Also available in a toluene-free version.



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	2
Color (Pt/Co or APHA)	<125
Density at 25°C (g/mL)	1.023
Refractive Index at 25°C	1.4607
Surface Tension at 20°C (mN/m)	35
Viscosity at 25°C (mPa.s or cPs)	8
Molecular Weight (g/mol)	226

CURED PROPERTIES

Tg (°C), by DSC	66
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PRODUCT PERFORMANCE

Wood Adhesion
ABS/PC Adhesion
Metal Adhesion
PVC/PS Adhesion
PE/PET/PP/PMMA Adhesion
Hardness
Flexibility
Weatherability
Moisture Resistance
Corrosion Resistance

SPECIAL FEATURE

Hydrophobic

SUGGESTED APPLICATIONS

Adhesives & sealants
Composites
Conformal coatings
Electrical potting & encapsulation
Electronics
Flexographic inks
Industrial flooring & waterproofing
Inkjet inks
Metal coatings
Optical fibers
Overprint varnishes
Polymer synthesis
Screen inks
Wood coatings

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