

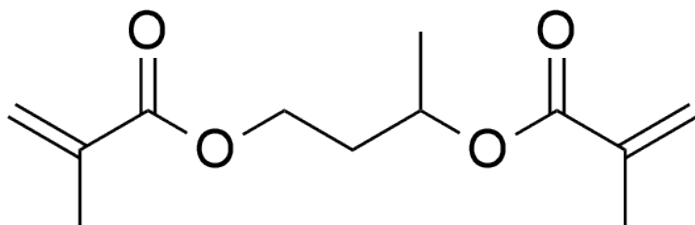
TECHNICAL DATA SHEET

SR297

1,3-Butylene Glycol Dimethacrylate

DESCRIPTION

SR297 is a difunctional monomer offering good stain resistance and solvency.



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 3 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)	<100
Viscosity at 25°C (mPa.s or cPs)	5
Density at 25°C (g/mL)	1.014
Refractive Index at 25°C	1.4489
Surface Tension at 20°C (mN/m)	32
Molecular Weight (g/mol)	226

CURED PROPERTIES

Tg (°C), by DSC	85
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PRODUCT PERFORMANCE

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

SUGGESTED APPLICATIONS

Adhesives & sealants
Artificial marble
Composites
Electrical potting & encapsulation
Overprint varnishes
Polymer synthesis
Rubber manufacturing

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