SARTOMER®

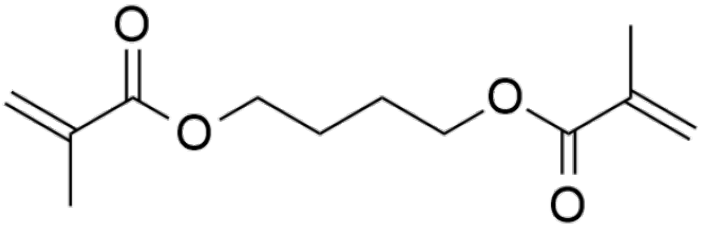
TECHNICAL DATA SHEET

SR214

1,4-Butanediol Dimethacrylate

DESCRIPTION

SR214 is a low viscosity, difunctional monomer offering high solvency.



LIQUID PROPERTIES

Appearance	Clear liquid
Viscosity at 25°C (mPa.s or cPs)	7
Density at 25°C (g/mL)	1.022
Molecular Weight (g/mol)	226
Refractive Index at 25°C	1.4545
Surface Tension at 20°C (mN/m)	34
Functionality	2
Color (Pt/Co or APHA)	<100

CURED PROPERTIES

Tg (°C), by DSC	55

PRODUCT PERFORMANCE

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

SUGGESTED APPLICATIONS

3D printing
Adhesives & sealants
Artificial marble
Composites
Conformal coatings
Electrical potting & encapsulation
Industrial flooring & waterproofing
Polymer synthesis
Wood coatings

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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