

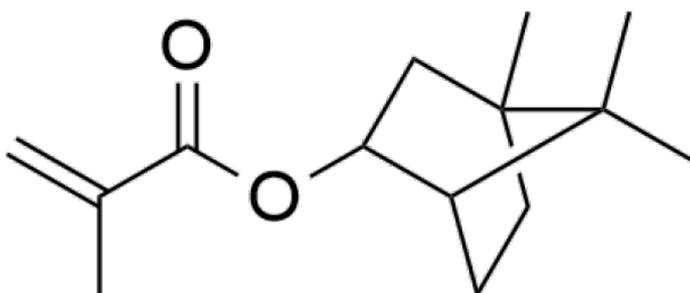
TECHNICAL DATA SHEET

SR423 A

Isobornyl Methacrylate

DESCRIPTION

SR423 C is an excellent reactive diluent for oligomers. The cyclic group produces polymers through free radical curing which have a high glass transition temperature.



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)	11
Density at 25°C (g/mL)	0.9819
Molecular Weight (g/mol)	222
Refractive Index at 25°C	1.474
Surface Tension at 20°C (mN/m)	31
Functionality	1
Color (Pt/Co or APHA)	<75

CURED PROPERTIES

Tg (°C), by DSC	110
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PRODUCT PERFORMANCE

Hardness
Shrinkage
Chemical Resistance
Wood Adhesion
Weatherability
Stain Resistance
Moisture Resistance
Corrosion Resistance

SPECIAL FEATURE

Hydrophobic

SUGGESTED APPLICATIONS

3D printing
Adhesives & sealants
Artificial marble
Composites
Conformal coatings
Electrical potting & encapsulation
Electronics
Industrial flooring & waterproofing
Metal coatings
Nail varnishes
Polymer synthesis

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