

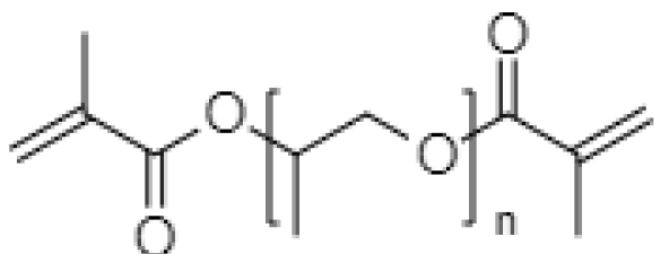
TECHNICAL DATA SHEET

SR644

Polypropylene Glycol Dimethacrylate

DESCRIPTION

SR644 produces flexible films and is used in adhesives, sealants, plastisols, and waterborne 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

LIQUID PROPERTIES

Appearance	Clear liquid
Functionality	2
Color (Pt/Co or APHA)	<250
Viscosity at 25°C (mPa.s or cPs)	30
Density at 25°C (g/mL)	1.0049
Refractive Index at 25°C	1.448
Molecular Weight (g/mol)	561

CURED PROPERTIES

Tg (°C), by DSC	-5
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PRODUCT PERFORMANCE

Flexibility
Shrinkage
Wood Adhesion
ABS/PC Adhesion
Metal Adhesion
PVC/PS Adhesion
Weatherability
PE/PET/PP/PMMA Adhesion

SUGGESTED APPLICATIONS

Adhesives & sealants
Artificial marble
Composites
Electrical potting & encapsulation
Electronics
Polymer synthesis

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