

TECHNICAL DATA SHEET

SR415

Ethoxylated(20) Trimethylolpropane Triacrylate

DESCRIPTION

SR415 is a low skin irritation, water soluble monomer for use in free radical polymerization. SR415 yields flexible, low shrinkage films.

LIQUID PROPERTIES

Appearance	Clear liquid
Functionality	3
Color (Pt/Co or APHA)	<200
Viscosity at 25°C (mPa.s or cPs)	225
Density at 25°C (g/mL)	1.1183
Refractive Index at 25°C	1.4699
Surface Tension at 20°C (mN/m)	42
Molecular Weight (g/mol)	1182

CURED PROPERTIES

Tg (°C), by DSC	-40
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PRODUCT PERFORMANCE

Pigment Wetting
Shrinkage
Flexibility
Wood Adhesion

SUGGESTED APPLICATIONS

Electronics
Flexographic inks
Industrial flooring & waterproofing
Inkjet inks
Offset inks
Overprint varnishes
Rubber manufacturing
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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