

TECHNICAL DATA SHEET

SR9035

Ethoxylated (15) Trimethylolpropane Triacrylate

DESCRIPTION

SR9035 is a water soluble, low skin irritation monomer for use in free radical polymerization. SR-9035 yields flexible, low shrinkage films.



LIQUID PROPERTIES

Appearance	Clear liquid
Functionality	3
Color (Pt/Co or APHA)	<100
Viscosity at 25°C (mPa.s or cPs)	168
Density at 25°C (g/mL)	1.1163
Molecular Weight (g/mol)	945
Refractive Index at 25°C	1.4695
Surface Tension at 20°C (mN/m)	42

CURED PROPERTIES

Tg (°C), by DSC	-32
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PRODUCT PERFORMANCE

Flexibility
Pigment Wetting
Shrinkage
Wood Adhesion
Metal Adhesion

SPECIAL FEATURE

Water soluble

SUGGESTED APPLICATIONS

Adhesives & sealants
Flexographic inks
Inkjet inks
Metal coatings
Offset inks
Overprint varnishes
Rubber manufacturing
Screen inks
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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