

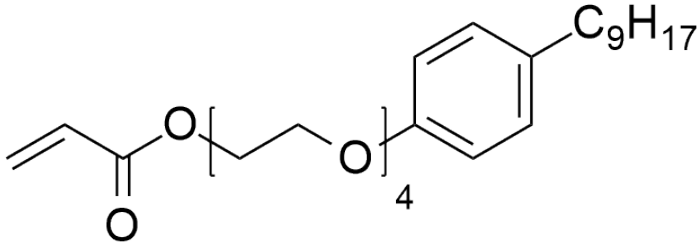
TECHNICAL DATA SHEET

SR504

Ethoxylated (4) Nonyl Phenyl Acrylate

DESCRIPTION

SR504 is a low odor, low volatility, low skin irritation monomer for use in UV/EB polymerization.



LIQUID PROPERTIES

Appearance	Clear liquid
Functionality	1
Color (Pt/Co or APHA)	<150
Viscosity at 25°C (mPa.s or cPs)	100
Density at 25°C (g/mL)	1.031
Molecular Weight (g/mol)	450
Refractive Index at 25°C	1.4936
Surface Tension at 20°C (mN/m)	34

CURED PROPERTIES

Tg (°C), by DSC	-27
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PRODUCT PERFORMANCE

Pigment Wetting
Shrinkage
Wood Adhesion
Metal Adhesion
Flexibility
Chemical Resistance

SPECIAL FEATURE

Low odor

SUGGESTED APPLICATIONS

Adhesives & sealants
Inkjet inks
Optical fibers
Polymer synthesis
Rubber manufacturing

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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