

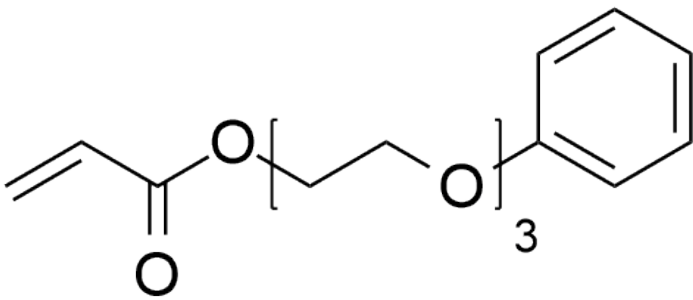
TECHNICAL DATA SHEET

SR9087

Alkoxyated Phenol Acrylate

DESCRIPTION

SR9087 is an alkoxyated phenol acrylate monomer. SR9087 demonstrates good pigment wetting and surface cure speed in radiation curable ink, coating, and adhesive applications. It also imparts good hardness, without sacrificing flexibility.



LIQUID PROPERTIES

Appearance	Clear liquid
Functionality	1
Refractive Index at 25°C	1.5038
Viscosity at 25°C (mPa.s or cPs)	24
Density at 25°C (g/mL)	1.1133
Molecular Weight (g/mol)	280
Surface Tension at 20°C (mN/m)	39
Color (Pt/Co or APHA)	<250

CURED PROPERTIES

Tg (°C), by DSC	-24
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PRODUCT PERFORMANCE

Flexibility
Pigment Wetting
Shrinkage
ABS/PC Adhesion
PVC/PS Adhesion
Chemical Resistance
PE/PET/PP/PMMA Adhesion

SUGGESTED APPLICATIONS

Adhesives & sealants
Flexographic inks
Inkjet inks
Metal coatings
Offset inks
Optical fibers
Overprint varnishes
Polymer synthesis
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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