

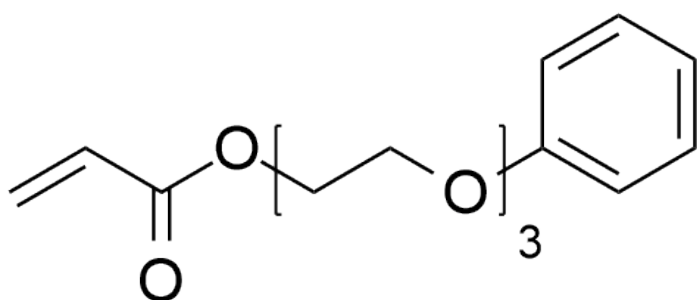
TECHNICAL DATA SHEET

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
Viscosity at 25°C (mPa.s or cPs)	24
Refractive Index at 25°C	1.5038
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

Shrinkage	
Flexibility	
Pigment Wetting	
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

Arkema Inc
 502 Thomas Jones Way
 Exton, PA 19341 – AMERICA
www.Sartomer.arkema.com

Headquarter: Arkema France
 420, rue d'Estienne d'Orves
 92705 Colombes Cedex – France
 T +33 (0)1 49 00 80 80
www.Sartomer.arkema.com