

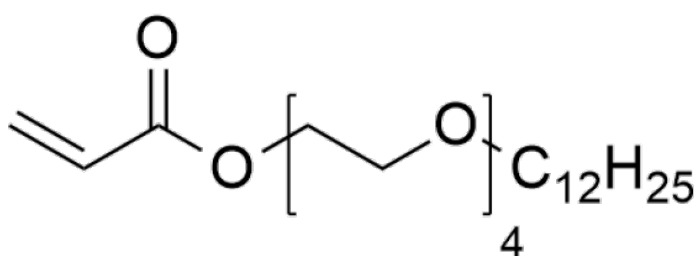
TECHNICAL DATA SHEET

SR9075

Alkoxyated (4) Lauryl Acrylate

DESCRIPTION

SR9075 is an alkoxyated lauryl acrylate monomer. SR9075 demonstrates good pigment wetting, flexibility, and cure speed in radiation curable ink, coating, and adhesive applications. SR9075 is particularly suited to plastic substrates.



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

LIQUID PROPERTIES

Appearance	Clear liquid
Viscosity at 25°C (mPa.s or cPs)	24
Density at 25°C (g/mL)	0.9628
Molecular Weight (g/mol)	416
Refractive Index at 25°C	1.454
Surface Tension at 20°C (mN/m)	32
Functionality	1
Color (Pt/Co or APHA)	<300

CURED PROPERTIES

Tg (°C), by DSC	-45
-----------------	-----

PRODUCT PERFORMANCE

Flexibility
Shrinkage
Wood Adhesion
ABS/PC Adhesion
Metal Adhesion
PVC/PS Adhesion
Weatherability
Moisture Resistance
PE/PET/PP/PMMA Adhesion

SUGGESTED APPLICATIONS

3D printing
Adhesives & sealants
Electronics
Inkjet inks
Optical fibers
Overprint varnishes
Polymer synthesis

Headquarters: Arkema France
51, Esplanade du Général de Gaulle
92800 Puteaux – France
T +33 (0)1 49 00 80 80
www.Sartomer.arkema.com