

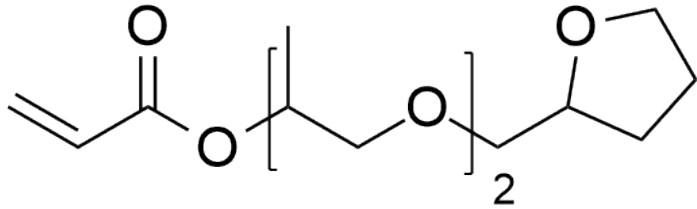
TECHNICAL DATA SHEET

SR611

Propoxylated Tetrahydrofurfuryl Acrylate

DESCRIPTION

SR611 is an alkoxyated acrylate monomer that offers reduced skin irritation potential and excellent adhesion to plastics, particularly PVC and polycarbonate. SR611 demonstrates good pigment wetting in screen and offset printing systems. It is also effective in promoting intercoat adhesion.



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
Functionality	1
Color (Pt/Co or APHA)	<200
Density at 25°C (g/mL)	1.034
Refractive Index at 25°C	1.4534
Surface Tension at 20°C (mN/m)	33
Viscosity at 25°C (mPa.s or cPs)	11
Molecular Weight (g/mol)	214

CURED PROPERTIES

Tg (°C), by DSC	55
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PRODUCT PERFORMANCE

Flexibility	
ABS/PC Adhesion	
PVC/PS Adhesion	
Pigment Wetting	
Weatherability	
Chemical Resistance	
PE/PET/PP/PMMA Adhesion	
Shrinkage	
Hardness	
Wood Adhesion	
Metal Adhesion	
Stain Resistance	
Scratch Resistance	
Abrasion Resistance	

SUGGESTED APPLICATIONS

Adhesives & sealants
Conformal coatings
Electronics
Inkjet inks
Metal coatings
Optical fibers
Polymer synthesis
Wood coatings

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