

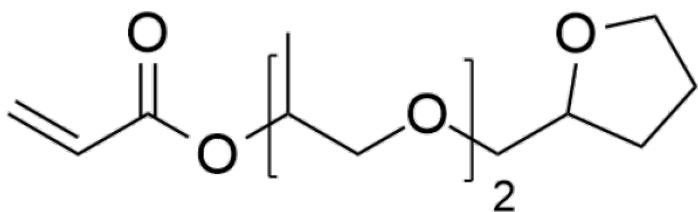
## TECHNICAL DATA SHEET

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

##### CURED PROPERTIES

Tg (°C), by DSC	55
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##### PRODUCT PERFORMANCE

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