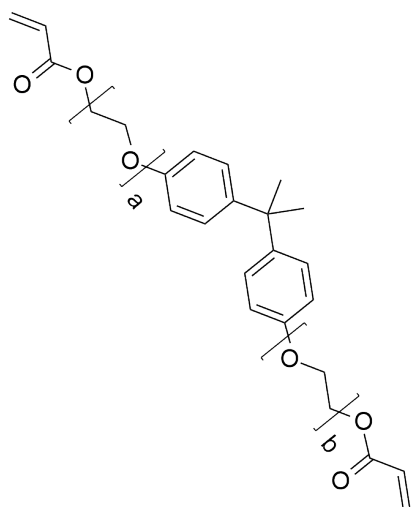# SARTOMER®

TECHNICAL DATA SHEET

SR601D

Ethoxylated (4) Bisphenol A Diacrylate

DESCRIPTION

SR601D is a low skin irritation, low odor, low volatility monomer used in free radical polymerization. It has a hydrophobic backbone for complete alkali solubility.

LIQUID PROPERTIES

Appearance	Clear liquid
Functionality	2
Color (Pt/Co or APHA)	<200
Viscosity at 25°C (mPa.s or cPs)	1080
Density at 25°C (g/mL)	1.1454
Refractive Index at 25°C	1.534
Surface Tension at 20°C (mN/m)	41.5
Molecular Weight (g/mol)	513

CURED PROPERTIES

Tg (°C), by DSC	60

PRODUCT PERFORMANCE

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

SPECIAL FEATURE

Low odor

SUGGESTED APPLICATIONS

Adhesives & sealants
Electronics
Flexographic 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