

TECHNICAL DATA SHEET

SR9011

Methacrylate Ester

DESCRIPTION

SR9011 is a trifunctional methacrylate monomer that provides exceptional adhesion to metal substrates. SR9011 is recommended for use in peroxide cured coatings, sealants, and PVC-based plastisols. Usage levels of 5% to 10% by weight are recommended.



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	3
Color (Pt/Co or APHA)	<250
Density at 25°C (g/mL)	1.0762
Refractive Index at 25°C	1.4724
Viscosity at 25°C (mPa.s or cPs)	30

CURED PROPERTIES

Tg (°C), by DSC	71
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PRODUCT PERFORMANCE

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

SPECIAL FEATURE

Adhesion promoter

SUGGESTED APPLICATIONS

Adhesives & sealants
Metal coatings

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

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