

TECHNICAL DATA SHEET

SR9053

HEA phosphate in TMP(9EO)TA

DESCRIPTION

SR9053 is a trifunctional acid ester that enhances adhesion of adhesive and coating formulations to metal, plastic, rubber, and glass. SR9053 is not recommended for use with amines. Equivalent weight = 177.



LIQUID PROPERTIES

Appearance	Clear liquid
Viscosity at 25°C (mPa.s or cPs)	950
Density at 25°C (g/mL)	1.2035
Refractive Index at 25°C	1.4711
Surface Tension at 20°C (mN/m)	39
Functionality	3
Color (Gd)	5

CURED PROPERTIES

Tg (°C), by DSC	27
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PRODUCT PERFORMANCE

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

SPECIAL FEATURE

Adhesion promoter

SUGGESTED APPLICATIONS

Adhesives & sealants
 Flexographic inks
 Inkjet inks
 Metal coatings
 Offset inks
 Overprint varnishes
 Plastic coatings
 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

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