

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.



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
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
Color (Gd)	5

CURED PROPERTIES

Tg (°C), by DSC	27
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PRODUCT PERFORMANCE

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

SPECIAL FEATURE

Adhesion promoter

SUGGESTED APPLICATIONS

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

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