

TECHNICAL DATA SHEET

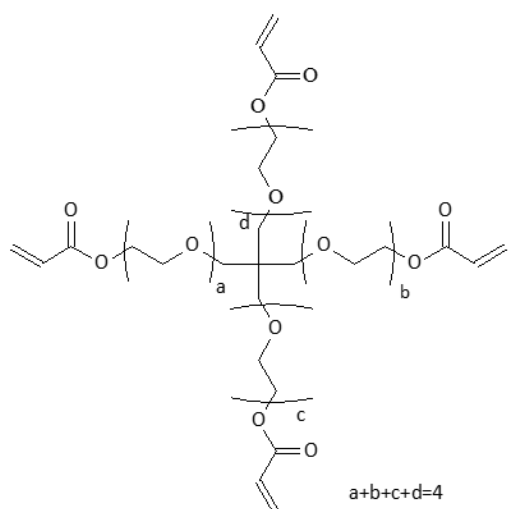
LM5401

Low Migration Alkoxyated Pentaerythritol Tetraacrylate

DESCRIPTION

LM5401 is a quadrifunctional acrylic monomer for use in UV/LED and EB curing coatings applications.

 Reduced risk of migration



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	4
Color (Pt/Co or APHA)	<100
Viscosity at 25°C (mPa.s or cPs)	200
Density at 25°C (g/mL)	1.1363
Refractive Index at 25°C	1.47
Surface Tension at 20°C (mN/m)	37.9

CURED PROPERTIES

Tg (°C), by DSC	70
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PRODUCT PERFORMANCE

Hardness
Chemical Resistance
Pigment Wetting
Shrinkage
Wood Adhesion
Weatherability
Scratch Resistance
Abrasion Resistance
Corrosion Resistance

SPECIAL FEATURE

High functionality

SUGGESTED APPLICATIONS

Flexographic inks
Offset inks

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