

TECHNICAL DATA SHEET

MCURE 400

Aliphatic Acrylate Modifier For Epoxy/Amine Systems

DESCRIPTION

MCURE® 400 is an aliphatic acrylate monomer that is designed for applications where extremely fast cure rates are required, particularly at cold temperatures. Due to the extremely fast reactivity at room temperatures, pot life is dramatically reduced.



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
Viscosity at 25°C (mPa.s or cPs)	100
Density at 25°C (g/mL)	1.1434
Functionality	4
Color (Pt/Co or APHA)	<250

PRODUCT PERFORMANCE

Chemical Resistance
Hardness
Stain Resistance
Scratch Resistance
Abrasion Resistance
Weatherability
Moisture Resistance
Corrosion Resistance

SUGGESTED APPLICATIONS

Adhesives & sealants
Composites
Electrical potting & encapsulation
Industrial flooring & waterproofing
Overprint varnishes
Rubber manufacturing
Wood coatings