

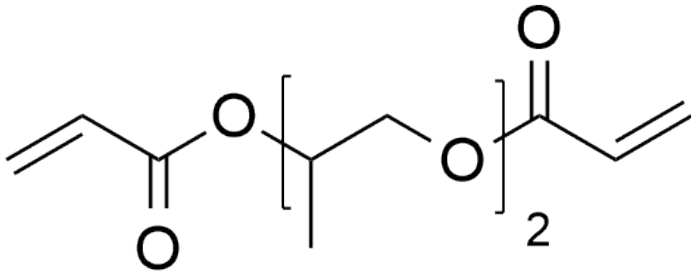
TECHNICAL DATA SHEET

SR508

Dipropylene Glycol Diacrylate

DESCRIPTION

SR508 is an excellent low viscosity, economical diluent that can replace hexane diol diacrylate in most applications.



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 | 2 |
| Color (Pt/Co or APHA) | <75 |
| Viscosity at 25°C (mPa.s or cPs) | 10 |
| Density at 25°C (g/mL) | 1.0551 |
| Molecular Weight (g/mol) | 242 |
| Refractive Index at 25°C | 1.4502 |
| Surface Tension at 20°C (mN/m) | 31.7 |

CURED PROPERTIES

| | |
|-----------------|-----|
| Tg (°C), by DSC | 104 |
|-----------------|-----|

PRODUCT PERFORMANCE

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

SUGGESTED APPLICATIONS

Adhesives & sealants
Conformal coatings
Electrical potting & encapsulation
Flexographic inks
Inkjet inks
Metal coatings
Optical fibers
Overprint varnishes
Polymer synthesis
Screen inks
Wood coatings

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

Arkema France
420, rue d'Estienne d'Orves
92705 Colombes Cedex
France
www.Sartomer.arkema.com