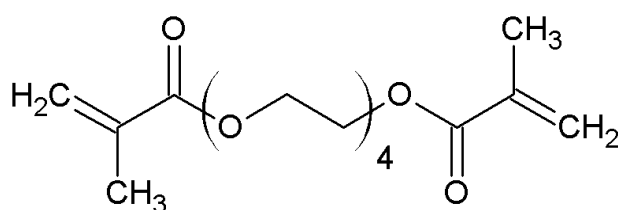


Bisomer[®] PEG 200 DMA

Bisomer[®] PEG 200 DMA (Polyethyleneglycol 200 Dimethacrylate) is a low viscosity aliphatic dimethacrylate monomer ideally used as a co-monomer for improving mechanical properties and chemical resistance

Chemical Structure



CAS Number: 25852-47-5

Typical Physical Properties *

Property	Value	Method
Appearance	Colourless liquid	
Water content, % (mass)	0.2 max	(E203; 23-01)
Inhibitor (MEHQ) content, ppm (mass)	300 - 500	(D3125; 13-08)
Colour number, Pt/Co	100 max	(D1209; 13-08)
Active monomer, % (area)	99.0 min	(01-42)
Molecular weight (av), g / mol	338	-

EUROPE

Charleston Road, Hardley,
Hythe, Southampton, Hampshire
SO45 3ZG UK
Call +44 2380 245 437

NORTH AMERICA

300 Brookside Avenue,
Building #23, Suite 100 Ambler,
PA 19002 USA

Call +1 215 773 9280 Toll

Free 888 519 3883

Email: PaintsandCoatings@geosc.com

www.geosc.com

* The typical values presented here are believed to be accurate; they should not, however be considered to constitute a specification.

Applications

Bisomer[®] PEG 200 DMA is a low viscosity aliphatic dimethacrylate monomer ideal as a co-monomer for improving mechanical properties and chemical resistance of plastics, polyolefins, adhesives, sealants, unsaturated polyesters and especially acrylic polymers such as acrylic sheet and acrylic flooring.

Bisomer[®] PEG 200 DMA is an excellent reactive diluent in peroxide curable formulations due to its low viscosity and ease of handling. It is non-toxic, non-sensitising and a non-irritant. It is ideal in dibenzoyl peroxide (BPO) cured applications.

Bisomer[®] PEG 200 DMA is also excellent for use in the production of UV cured photopolymers such as flexographic printing plates. It is widely used in photopolymers, wire and cable coatings and is also an essential component in many anaerobic adhesives and sealants.

Bisomer[®] PEG 200 DMA offers excellent compatibility with unsaturated polyesters for chemical fixings and anchor bolts.

Product Compliance

Swiss Ordinance 817.023.21 – Listed (Part B)

Registration & Regulatory Information: Please refer to the safety datasheet.

Handling & Storage: This product can be stored for up to 3 years at ambient storage temperature and conditions without any deterioration. Please refer to the safety datasheet for more details.

Miscellaneous: Various pack types available; please contact your local GEO Specialty Chemicals representative for further information.

All information and data, including the formulations and procedures discussed herein, are believed to be correct. However, this should not be accepted as a guarantee of their accuracy, and confirming tests should be run in your laboratory or plant. No statement should be construed as a recommendation for any use which would violate any patent rights. Sales of all products are pursuant to terms and conditions included in GEO Specialty Chemicals sales documents. Nothing contained therein shall constitute a guarantee or warranty with respect to the products described or their use. Safety information regarding these products is contained in their Safety Data Sheets. Users of these products are urged to review and use this information.

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