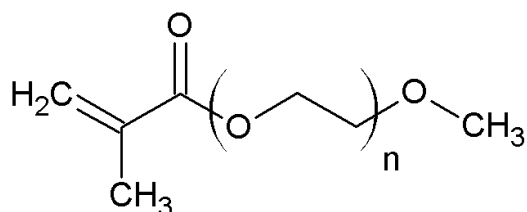


# Bisomer<sup>®</sup> MPEG 350 MA

**Bisomer<sup>®</sup> MPEG 350 MA** (Methoxy Polyethyleneglycol Methacrylate) is a long chain methacrylate monoester based on an ethylene oxide backbone

## Chemical Structure



CAS Number: 26915-72-0

## Typical Physical Properties \*

Property	Value	Method
Appearance	<b>Clear yellow liquid</b>	(E284; 01-13)
Water content, mass %	<b>0.5 max</b>	(E203; 23-01)
Inhibitor (MEHQ) content, % (mass)	<b>0.45 - 0.55</b>	(D3125; 13-08)
Colour number, Gardner	<b>3 max</b>	(D1544; 03-19)
Saponification value, mgKOH / g	<b>127 - 140</b>	(ISO 3657; 19-09)
Molecular weight (av), g / mol	<b>430</b>	-

### 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](mailto:PaintsandCoatings@geosc.com)

[www.geosc.com](http://www.geosc.com)

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

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## Applications

**Bisomer<sup>®</sup> MPEG 350 MA** is water soluble and contains approximately 8 ethylene oxide (EO) units in the chain.

**Bisomer<sup>®</sup> MPEG 350 MA** is an excellent material to impart water solubility or water dispersibility into non-ionic organic molecules. It is also an excellent flexibilising molecule due to its low Glass Transition Temperature (T<sub>g</sub>).

**Bisomer<sup>®</sup> MPEG 350 MA** is ideal in water-based automotive coatings, alkyd dispersions, polyurethane dispersions (PUDs), soil stabilising hydrogels, flocculating agents, anaerobic adhesives and water-based pressure sensitive adhesives (PSAs).

## Product Compliance

BfR Recommendation XXXVI

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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