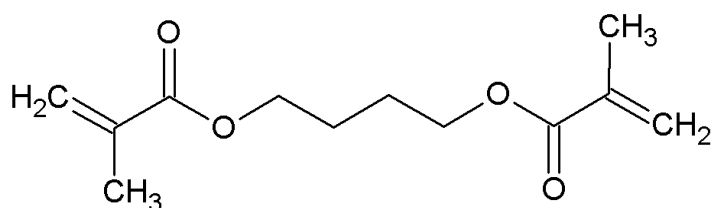


# Bisomer<sup>®</sup> BDDMA

**Bisomer<sup>®</sup> BDDMA** (1,4 Butanediol Dimethacrylate) is a low viscosity, low odour dimethacrylate monomer.

## Chemical Structure



CAS Number: 2082-81-7

## Typical Physical Properties \*

Property	Value	Method
Appearance	<b>Clear liquid</b>	(E284; 01-13)
Water content, % (mass)	<b>0.1 max</b>	(E203; 23-01)
Inhibitor (MEHQ) content, ppm (mass)	<b>300 - 500</b>	(D3125; 13-08)
Colour number, Pt/Co	<b>100 max</b>	(D1209; 03-18)
Total Polymerisable Monomers, % (mass)	<b>99.0 min</b>	(01-42)
Molecular weight (av), g / mol	<b>226</b>	

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

### Applications

**Bisomer<sup>®</sup> BDDMA** is a low viscosity, low odour dimethacrylate monomer. It is non-toxic and has more favourable Health & Safety labelling than many alternative products.

**Bisomer<sup>®</sup> BDDMA** is an excellent reactive diluent in UV curable wood coatings due to its low viscosity. It is ideal in peroxide cured applications such as a co-agent for PP, PE, nitrile, EPDM rubbers and PVC. It offers excellent properties with PMMA, especially in acrylic flooring and synthetic marble.

**Bisomer<sup>®</sup> BDDMA** is used in photopolymers, wire and cable coatings, adhesives and sealants. It also offers excellent compatibility with unsaturated polyesters for gel-coats, chemical fixings and anchor bolts.

### Product Compliance

EU 10/2011 Listed

FCS (Food Contact Substance) - FCN 1378

BfR recommendations XIV, XXII

Swiss Ordinance 817.023.21 – Listed (Part A)



Bundesinstitut für Risikobewertung

**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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