

# Methacrylates

*Building block chemicals used to make polymers and plastics for medical device and industrial applications*

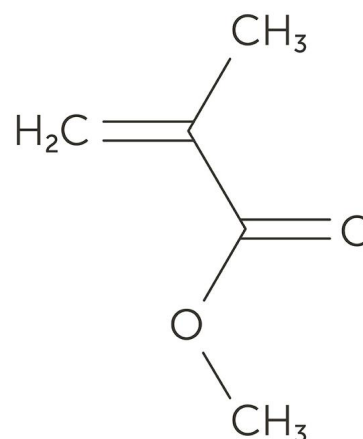
As a leader in specialty chemicals and advanced materials for the microelectronics, life sciences, and other high-tech industries, we can accelerate your new product development efforts and manufacturing supply chain by providing critical materials at the appropriate scale, and within the communi-cated delivery schedule. Our portfolio of methacrylates is tailored to your manufacturing requirements and specifica-tions to meet your high-quality customized needs.

We offer a wide variety of methacrylates, a class of “building block” chemicals used to make polymers and plastics for a myriad of medical devices and organic synthesis processes. Stability, durability, hardness, and scratch resistance are among many beneficial properties that make our methacrylates ideal for a wide variety of applications.

Our experienced R&D teams provide deep chemistry expertise in an innovative culture to deliver custom synthesis solutions that meet your proprietary development needs. With our extensive manufacturing capabilities, we can handle a range of projects from grams to metric ton quantities, through scale-up and full commercialization. We also provide chemical process development, piloting, and custom chemical manufacturing.

## APPLICATIONS

- Organic synthesis in chemical manufacturing processes
- Eye and wound care products
- Dental products
- Paints and coatings



## FEATURES & BENEFITS

<b>A monomer with properties such as transparency, flexibility, toughness, and hardness</b>	Provides specific properties to the polymer resin enabling use in a variety of applications
<b>Customer collaboration</b>	Proactive and regular team communication and encouraged site visits enable beneficial idea exchange and enhance on-track progress
<b>Advanced scientific expertise</b>	Technical transfers, R&D, scale-up optimization, and continuous improvement are conducted by PhD chemist-led teams that are supported by world-class quality and analytical resources
<b>ISO 9001 certification</b>	The Entegris quality management system (QMS) certified by the ISO 9001 standard ensures provision of consistent quality products meeting customer and regulatory requirements

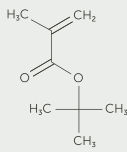
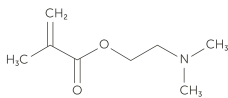
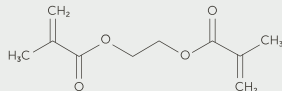
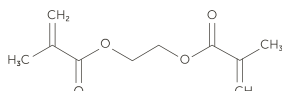
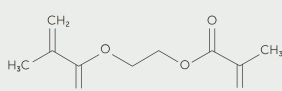

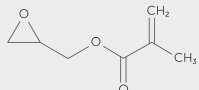
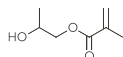
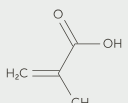
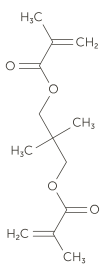
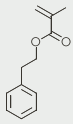
## SPECIFICATIONS

Our products are made to strict specifications and our experienced R&D teams can partner with you to meet your proprietary development needs. With our manufacturing capabilities and resources, we can deliver on communicated timing requirements as well as high-quality customized solutions. [Contact us](#) with your specifications.

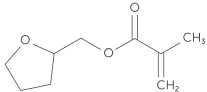
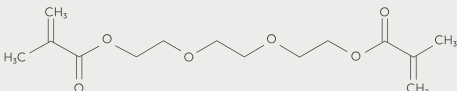
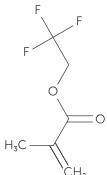
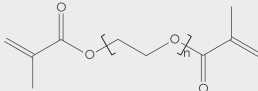
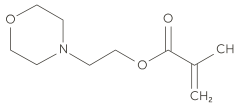
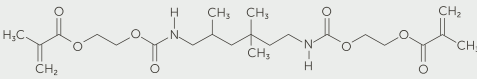
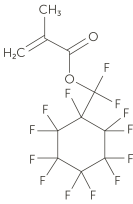
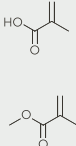
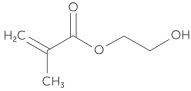
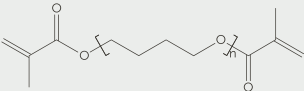
## Product Portfolio

Catalog #	CAS #	Product	Structure
1133-MPD	868-77-9	2-Hydroxyethyl methacrylate, 99% (HEMA)	 <chem>CC(=C)C(=O)OCCO</chem>
1201-MPD	6976-93-8	2-Methoxyethyl methacrylate (high purity)	 <chem>CC(=C)C(=O)OCCOC</chem>
1265	3683-12-3	2-Phenylethyl methacrylate (PEMA), 99% Min (100-200 n-Butyl acrylate, 99.5% (100-200 ppm MEHQ)	
1341	97-90-5	Ethylene glycol dimethacrylate (EGDMA) (high purity 99.0%)	
1369-MPD	3683-12-3	2-Phenylethyl methacrylate, 99% min (10 ppm HQ)	 <chem>CC(=C)C(=O)OCCc1ccccc1</chem>
1371-MPD	3683-12-3	2-Phenylethyl methacrylate, 99% min (50 ppm HQ)	 <chem>CC(=C)C(=O)OCCc1ccccc1</chem>
1373-MPD	3683-12-3	2-Phenylethyl methacrylate, 99% (150-175 ppm MEHQ)	 <chem>CC(=C)C(=O)OCCc1ccccc1</chem>
7361-MPD	96-05-9	Allyl methacrylate	 <chem>CC(=C)C(=O)OCC=C</chem>
7389-MPD	3253-39-2	Bisphenol A dimethacrylate	 <chem>CC(=C)C(=O)Oc1ccc(cc1)C(C)(C)c2ccc(cc2)OC(=O)C=C</chem>

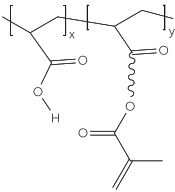
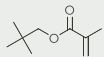
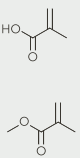
## SPECIFICATIONS

Catalog #	CAS #	Product	Structure
7411-MPD	585-07-9	t-Butyl methacrylate	
7497-MPD	2867-47-2	N,N-Dimethylaminoethyl methacrylate	
7530-MPD	97-90-5	Ethylene glycol dimethacrylate	
7530HP	97-90-5	Ethylene glycol dimethacrylate, 99.5% (100-200 ppm MEHQ)	
7533-MPD	868-77-9	2-Hydroxyethyl methacrylate, 98% (HEMA)	
7543-MPD	97-63-2	Ethyl methacrylate	
7554-MPD	106-91-2	Glycidyl methacrylate	
7565-MPD	27813-02-1	2-Hydroxypropyl methacrylate	
7583-MPD	79-41-4	Methacrylic acid, glacial	
7619-MPD	1985-51-9	neo-Pentyl glycol dimethacrylate	
7635-MPD	3683-12-3	2-Phenylethyl methacrylate (PEMA)	

## SPECIFICATIONS

Catalog #	CAS #	Product	Structure
7674-MPD	2455-24-5	Tetrahydrofurfuryl methacrylate	
7686-MPD	109-16-0	Triethylene glycol dimethacrylate	
7688-MPD	352-87-4	2,2,2-Trifluoroethyl methacrylate	
7969	25852-47-5	Poly(ethylene glycol) 200 dimethacrylate	
9003	2997-88-8	2-N-Morpholinoethyl methacrylate	
9007	72869-86-4	Diurethane dimethacrylate	
9131	25965-83-7	Pentafluorocyclohexylmethyl methacrylate	
9426	25086-15-1	Poly(methyl methacrylate-co-methacrylic acid)	
9453	868-77-9	2-Hydroxyethyl methacrylate (HEMA) (ophthalmic grade), 99.5%+	
9662	28883-57-0	Polybutanediol 600 dimethacrylate	

## SPECIFICATIONS

Catalog #	CAS #	Product	Structure
C778	–	Methacrylated-poly(acrylic acid)	
S1891HP	2397-76-4	Neopentyl methacrylate	
S2569	70877-62-2	M2D25 monomer (PDMS-25 Dimethacrylate)	
S6007	25086-15-1	Methyl methacrylate: methacrylic acid ((0:10) copolymer in a 50:50 ethanol:acetone solution @ 29-35%	

### FOR MORE INFORMATION

Please call your Regional Customer Service Center today to learn what Entegris can do for you. Visit [entegris.com](http://entegris.com) and select the [Contact Us](#) link to find the customer service center nearest you.

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