

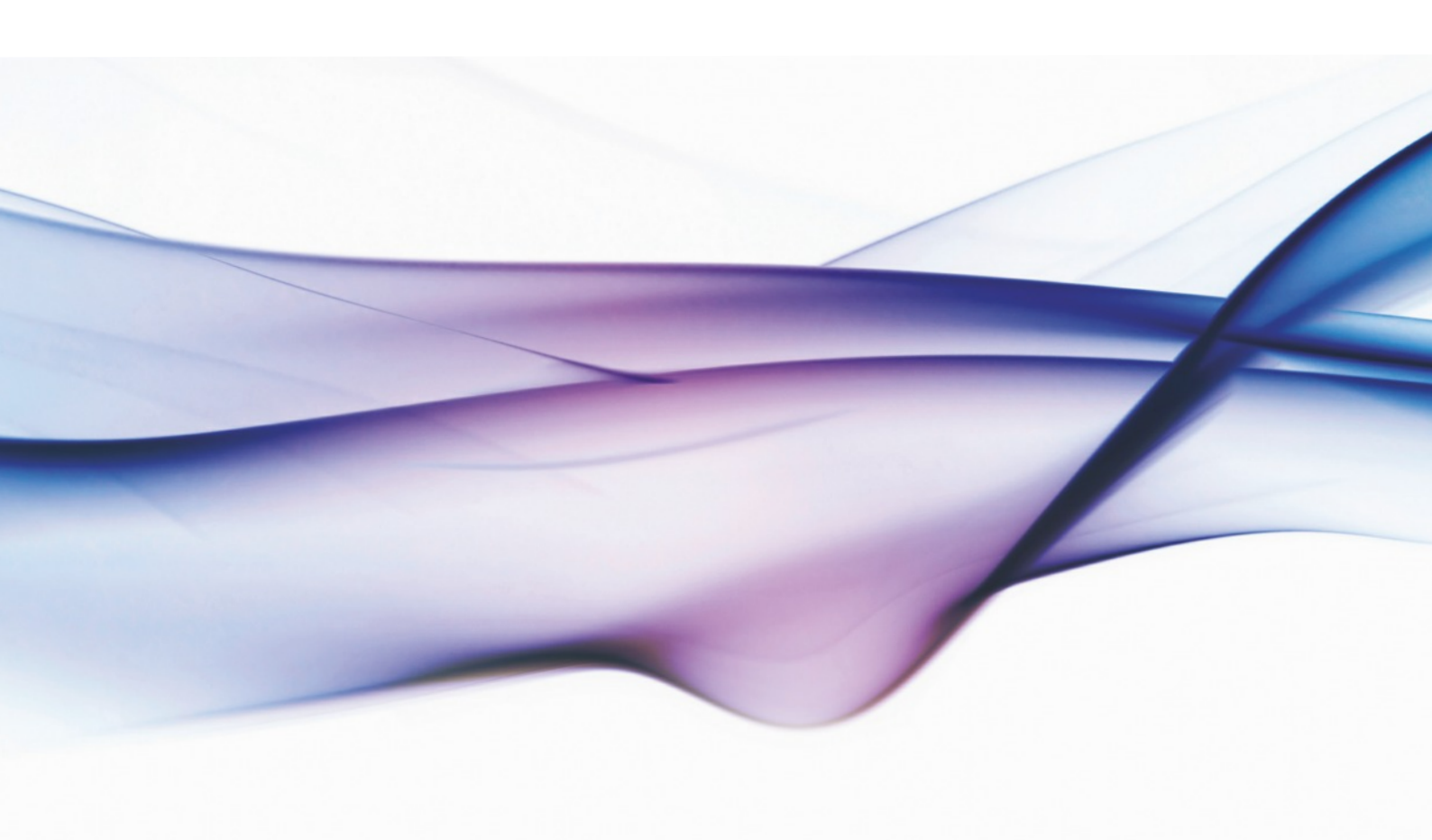
We bring the most important ingredients!

Possibilities



Paints and Coatings
Product Catalogue





GEO Specialty Chemicals is a leading global supplier to the global Paint, Coating and Resin industries. From finishes for cars, home appliances and leather to architectural and industrial coatings, our specialty monomers and polyols can be found in environmentally friendly coatings and resin systems throughout the world.

Our flexible manufacturing operations ensure we can meet customer requirements and deliver excellent customer service on a global basis, whilst our world class R&D facilities and our knowledgeable New Product Development team enable us to continue to innovate and bring new products to market.

We work closely with our customers to ensure our products are fully tailored to market needs. We welcome opportunities to participate in collaborative projects, to develop new markets or to offer improved solutions for existing ones.

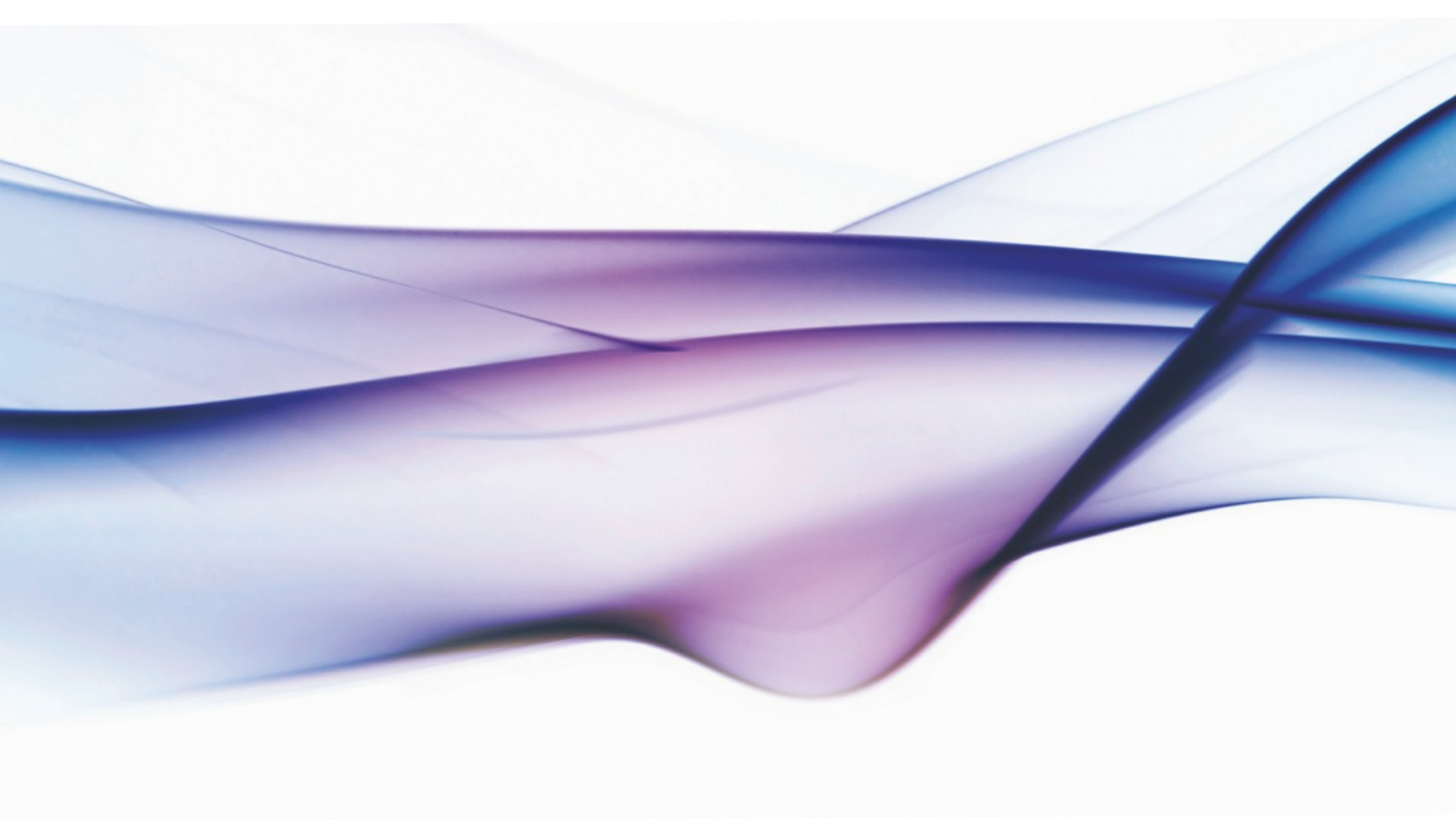


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PRODUCT LIST

Product Name	CAS #	Description	Features & Benefits
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HYDROXY MONOMERS

Bisomer® HEMA	868-77-9	Hydroxyethyl methacrylate	Hydrophilic hydroxy based cross-linker
Bisomer® HPMA	27813-02-1	Hydroxypropyl methacrylate	Hydrophobic hydroxy based cross-linker
Bisomer® PEA6	26403-58-7	Polyethyleneglycol (6) monoacrylate	Hydrophilic, plasticizing, low shrinkage, low PII value
Bisomer® PPA6	50858-51-0	Polypropyleneglycol (6) monoacrylate	Hydrophobic, plasticizing, low shrinkage, low PII value
Bisomer® PEM6 LD	25736-86-1	Polyethyleneglycol (6) monomethacrylate	Hydrophilic, non-toxic, plasticizing properties
Bisomer® PPM5 LI	39420-45-6	Polypropyleneglycol (5) monomethacrylate	Hydrophobic, non-toxic, plasticizing properties
Bisomer® PEM63P HD	58916-75-9	Polypropyleneglycol monomethacrylate	Hydrophobic/-philic balance, plasticizing properties

MONO-FUNCTIONAL MONOMERS

Bisomer® IDMA	29964-84-9	Isodecyl methacrylate	Hydrophobic, internal polymer plasticization
Bisomer® LMA	142-90-5	Lauryl methacrylate	Hydrophobic, internal polymer plasticization
Bisomer® LMA97 SP	142-90-5	Lauryl methacrylate	Hydrophobic, narrow molecular weight distribution
Bisomer® C13MA	85736-97-6	Isotridecyl methacrylate	Hydrophobic, internal polymer plasticization
Bisomer® BZMA	2495-37-6	Benzyl methacrylate	Hydrophobic, hardness, impact resistance, low viscosity
Bisomer® IPGMA	7098-80-8	Isopropylidene glycerol methacrylate	Hydrophobic, hardness, impact resistance, low viscosity
Bisomer® MPEG350MA	26915-72-0	Methoxy PEG 350 methacrylate	Hydrophilic, polymer flexibility, co-polymerisable surfactant
Bisomer® MPEG550MA	26915-72-0	Methoxy PEG 550 methacrylate	Hydrophilic, polymer flexibility, co-polymerisable surfactant
Bisomer® S10W	26915-72-0	Methoxy PEG 1000 methacrylate	Hydrophilic, polymer flexibility, co-polymerisable surfactant
Bisomer® S20W	26915-72-0	Methoxy PEG 2000 methacrylate	Hydrophilic, polymer flexibility, co-polymerisable surfactant

DI-FUNCTIONAL MONOMERS

Bisomer® BDDMA	2082-81-7	1,4 Butanediol dimethacrylate	Hydrophobic, hardness, abrasion resistance, low viscosity
Bisomer® DEGDMA HI	2358-84-1	Diethyleneglycol dimethacrylate	Hydrophobic, hardness, impact resistance, low viscosity
Bisomer® TEGDMA	109-16-0	Triethyleneglycol dimethacrylate	Hydrophobic, hardness, impact resistance, low viscosity
Bisomer® PEG200DMA	25852-47-5	Polyethyleneglycol 200 dimethacrylate	Hardness, impact resistance, low viscosity
Bisomer® EP100DMA	122985-55-1	Polyalkyleneglycol dimethacrylate	Hydrophobic/-philic balance, impact strength
Bisomer® EP150DMA	122985-55-1	Polylalkyleneglycol dimethacrylate	Hydrophobic/-philic balance, impact strength

PRODUCT LIST

Product Name	CAS #	Description	Features & Benefits
NEOPENTYL POLYOLS			
DMPA®	4767-03-7	Dimethylolpropionic acid	Compact structure, dual and selective reactivity
TRIMET® TME	77-85-0	Trimethylolethane	Compact structure, high hydroxyl content and reactivity
DMPA® POLYMERIC POLYOLS			
HA-0135	proprietary	Acid functional linear polyol	Polymeric polyol with dual and selective reactivity
HA-0135LV2	proprietary	Acid functional linear polyol	Polymeric polyol with dual and selective reactivity
TRI-REZ® POLYESTER POLYOLS (Linear)			
1030-60	proprietary	Adipate polyester polyol	Non-crystalline UV stable aliphatic polyester
1030-90	proprietary	Adipate polyester polyol	Non-crystalline UV stable aliphatic polyester
1230-60	proprietary	Adipate/ISO polyester polyol	Non-crystalline polyester with good moisture and UV resistance
1230-90	proprietary	Adipate/ISO polyester polyol	Non-crystalline polyester with good moisture and UV resistance
TRI-REZ® POLYESTER POLYOL (Branched)			
1220A-300	proprietary	Adipate/ISO polyester polyol	Non-crystalline branched UV stable polyester
MULTI-FUNCTIONAL AMINO ALCOHOL ADDITIVE			
Bisomer® Amine D700	108-16-7	77% Aqueous dimethylamino hydroxypropane	Aqueous azeotrope, improved dispersion, flow and wetting
AMINE ACTIVATOR FOR ORGANIC PEROXIDE INITIATION			
Bisomer® PTE	103671-44-9	N,N-Bis(2-hydroxyethyl)-para-toluidine	Low toxicity, low odour and ease of handling
DI-FUNCTIONAL ALLYL MONOMER			
Bisomer® DALP	131-17-9	Diallyl Phthalate	Low shrink, plasticizing properties, impact and heat resistance

APPLICATIONS

Product Name	Adhesives / Sealants	Industrial Coatings	UV Coatings	Polymer Dispersions	Composite Resins	Concrete Admixtures	Electronics / Electrographics	Inks	Optical	Biomedical	Dental	Rubber Modification	Textiles	Oil Viscosity Modifiers	Water Treatment
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HYDROXY MONOMERS

Bisomer® HEMA	•	•	•	•	•		•		•	•	•		•		
Bisomer® HPMA	•	•	•	•	•		•			•	•		•		
Bisomer® PEA6	•	•	•	•	•			•							
Bisomer® PPA6	•	•	•	•	•			•							
Bisomer® PEM6 LD	•	•	•	•		•	•			•					
Bisomer® PPM5 LI	•	•		•			•								
Bisomer® PEM63P HD		•		•			•			•					

MONO-FUNCTIONAL MONOMERS

Bisomer® IDMA	•	•		•	•									•	
Bisomer® LMA	•	•		•	•		•	•					•	•	
Bisomer® LMA97 SP	•	•		•	•		•	•					•	•	
Bisomer® C13MA	•	•		•	•		•						•	•	
Bisomer® BZMA	•	•	•	•	•		•	•	•				•		
Bisomer® IPGMA	•	•	•	•	•		•	•	•			•			
Bisomer® MPEG350MA	•	•		•		•	•			•		•			•
Bisomer® MPEG550MA	•	•		•		•	•			•					•
Bisomer® S10W		•		•		•				•					•
Bisomer® S20W		•		•		•				•					•

DI-FUNCTIONAL MONOMERS

Bisomer® BDDMA	•	•	•		•		•				•	•			
Bisomer® DEGDMA HI	•	•			•		•					•			
Bisomer® TEGDMA	•	•	•	•	•		•				•	•			
Bisomer® PEG200DMA	•	•	•	•	•		•				•	•	•		
Bisomer® EP100DMA	•	•					•								
Bisomer® EP150DMA	•	•					•								

• Highly recommended

APPLICATIONS & BENEFITS

Product Name	Alkyds	Polyesters	PUDs	Uralkyds	Si-polyesters	Waterborne Resins	Solvent Borne Resins	UV Resistance	Hydrolysis Resistance	Heat Resistance	Hardness	Corrosion Resistance	Adhesion	TiO ₂ Surface Treatment
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NEOPENTYL POLYOLS

DMPA®	●	●	●		●	●			●				●	
TRIMET® TME	●	●		●	●	●	●	●	●	●	●	●		●

Product Name	Adhesives	Sealants	Exterior Coatings	Interior Coatings	Solvent Free Systems	Low Viscosity Coatings	Reactive Diluents	2K Systems	1K Systems	Corrosion Resistance	Elongation	Tensile Strength	UV Resistance	Heat Resistance
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DMPA® POLYMERIC POLYOLS

HA-0135	●	●	●	●	●	●	●	●	●		○		●	
HA-0135LV2	●	●	●	●	●	●	●	●					●	

TRI-REZ® POLYESTER POLYOLS (Linear)

1030-60			●	●	●	●	●	●	●	○	●	○	●	
1030-90			●	●	●	●	●	●	●	○	●	○	●	
1230-60			●	●	●	○	●	●	○	●	○	●	●	○
1230-90			●	●	●	●	●	●	○	●	○	●	●	○

TRI-REZ® POLYESTER POLYOL (Branched)

1220A-300	○	○	●	●	●	●	●	●		○		●	●	
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MULTI-FUNCTIONAL AMINO ALCOHOL ADDITIVE

Bisomer® Amine D700	●	●	●	●	●	●			●					
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AMINE ACTIVATOR FOR ORGANIC PEROXIDE INITIATION

Bisomer® PTE	●	●	●	●				●						
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DI-FUNCTIONAL ALLYL MONOMER

Bisomer® DALP	●	●					●	●					●	●
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● Highly recommended

○ Recommended

CHEMICAL & PHYSICAL PROPERTIES

Product Name	TYPICAL TECHNICAL DATA									
	Molar Mass ¹	Viscosity ¹ @ 25°C, mPa.s	Inhibitor (MEHQ), ppm / %	Tg ¹ , °C	Colour, max Pt/Co / Gardner	Assay, min %	Acid Value, mgKOH/g	Water, max %	Hydroxyl Value, mgKOH/g	Saponification Value, mgKOH/g

HYDROXY MONOMERS

Bisomer® HEMA	130	8	200-240	55	10	97	1	0.1		
Bisomer® HPMa	144	9	200-300	72	10	97	1	0.1		
Bisomer® PEA6	336	47	0.10-0.15%	-65	100		0.3	0.3		155-175
Bisomer® PPA6	420	90	200-400	-65	100		0.3	0.15		126-138
Bisomer® PEM6 LD	350	40	500-800	-65	100		0.05	0.5	145-165	
Bisomer® PPM5 LI	376	40	300-500	-65	50		0.3	0.1	145-160	
Bisomer® PEM63P HD	524	71	500-800	-65	100		0.3	0.5	100-120	

MONO-FUNCTIONAL MONOMERS

Bisomer® IDMA	226	2	75-125	-40	50	97		0.2		
Bisomer® LMA	263	6	75-125	-65	100	97 ²		0.1		
Bisomer® LMA97 SP	254	6	300-500	-65	100	99 ³		0.15		
Bisomer® C13MA	268	6	75-125	-55	50	99 ³		0.1		>200
Bisomer® BZMA	176	2	45-55	54	50	98		0.1		
Bisomer® IPGMA	200	3.5	250-450	45	150	96		0.2		
Bisomer® MPEG350MA	430	18	0.45-0.55%	-60	³ Gardner			0.5		127-140
Bisomer® MPEG550MA	628	45	0.15-0.20%	-70				0.5		85-95
Bisomer® S10W	1080	42	750-950		² Gardner			49-51		23-28
Bisomer® S20W	2080	40	0.22-0.28%		⁵ Gardner			48-52		12-16

DI-FUNCTIONAL MONOMERS

Bisomer® BDDMA	226	5	300-500	n/a	100	99 ³		0.1		
Bisomer® DEGDMA HI	242	5	650-850	n/a	150	94		0.09		
Bisomer® TEGDMA	286	10	250-400	n/a	100	99 ³		0.2		
Bisomer® PEG200DMA	338	17	300-500	n/a	100	99 ²		0.2		
Bisomer® EP100DMA	1114	103	90-120	n/a	150			0.5		90-110
Bisomer® EP150DMA	736		70-100	n/a	150			0.5		140-160

¹ Typical value

² Active component

³ Total polymerisable content

CHEMICAL & PHYSICAL PROPERTIES

Product Name	TYPICAL TECHNICAL DATA										
	Acid Value, mgKOH/g	Hydroxyl Value, mgKOH/g	Acid Equivalent weight.	Hydroxyl Equivalent wt.	Molecular Weight, g/mole	Colour, APHA	Non Volatile, %	Density @ 25°C, g/l	Appearance	Moisture, %	Viscosity @ 25°C, Poise

NEOPENTYL POLYOLS

DMPA®	398 min	790 min	141 max	71 max	134.15	250 max			Solid	0.3 max	
TRIMET® TME		1352 min		41.5 max	120.17	250 max			Solid	0.3 max	

DMPA® POLYMERIC POLYOLS

HA-0135	100-115	100-115	522	522	1100	250 max	98 min	1200	Liquid	0.5 max	4000-8000
HA-0135LV2	80-95	330-345	680	166		250 max		1180	Liquid	0.5 max	150-250

TRI-REZ® POLYESTER POLYOLS (Linear)

1030-60	0.8 max	57-63		935	1900	250 max	98 min	1100	Liquid	0.05 max	40-60
1030-90	0.8 max	87-93		623	1250	250 max	98 min	1100	Liquid	0.05 max	15-30
1230-60	0.8 max	57-63		935	1900	250 max	98 min	1115	Liquid	0.05 max	300-500
1230-90	0.8 max	87-93		623	1250	250 max	98 min	1115	Liquid	0.05 max	100-200

TRI-REZ® POLYESTER POLYOL (Branched)

1220A-300	4.0 max	280-300		193	750	250 max	95 min	1140	Liquid	0.2 max	1000-2500
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CHEMICAL & PHYSICAL PROPERTIES

Product Name	TYPICAL TECHNICAL DATA											
	Molar Mass ¹	Viscosity ¹ , mPa.s	Inhibitor (MEHQ), ppm / %	Boiling Point, °C	Colour, max Pt/Co / Gardner	Assay, min %	Amine Value, mgKOH/g	Water, max %	pH	Solubility		
										Water	Acetone	Methanol

AMINE ACTIVATOR FOR ORGANIC PEROXIDE INITIATION

Bisomer® PTE	217				15 Gardner		250-264					
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MULTI-FUNCTIONAL AMINO ALCOHOL ADDITIVE

Bisomer® Amine D700	103 ²	3 ³		97 (azeotrope)	200	74-77.5 ⁴		22-24	12.1 ⁵	Fully miscible	Fully miscible	Fully miscible
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DI-FUNCTIONAL ALLYL MONOMER

Bisomer® DALP	246				100	99 ⁶						
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¹ Typical value

² Active component

³ Measured @20°C

⁴ Active Monomer

⁵ pH of DMAP 100g/litre aqueous @20°C

⁶ % Ester

Test methods available on request

NOTES

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CHEMICAL INVENTORY REGISTRATIONS

Product Name	REACH *	TSCA	DSL	PICCS	AICS	KECI	ENCS	IESCS
	EU	USA	Canada	Philipp.	Australia	Korea	Japan	China

HYDROXY MONOMERS

Bisomer® HEMA	•	•	•	•	•	•	•	•
Bisomer® HPMa	•	•	•	•	•	•	•	•
Bisomer® PEA6	•	•	NDSL			•	•	•
Bisomer® PPA6	•	•	NDSL		•	•	•	•
Bisomer® PEM6 LD	•	•	NDSL		•	•	•	•
Bisomer® PPM5 LI	•	•	•	•	•	•	•	•
Bisomer® PEM63P HD	•							•

MONO-FUNCTIONAL MONOMERS

Bisomer® IDMA	•		•	•	•	•	•	•
Bisomer® LMA	•	•	•	•	•	•	•	•
Bisomer® LMA97 SP	•	•	•	•	•	•	•	•
Bisomer® C13MA	•	SNUR**	NDSL			•	•	•
Bisomer® BZMA	•	•	•	•	•	•	•	•
Bisomer® IPGMA	•	•	NDSL					
Bisomer® MPEg350MA	•	•	NDSL	•	•	•	•	•
Bisomer® MPEg550MA	•	•	NDSL	•	•	•	•	•
Bisomer® S10W	•	•	NDSL	•	•	•	•	•
Bisomer® S20W	•	•	NDSL	•	•	•	•	•

DI-FUNCTIONAL MONOMERS

Bisomer® BDDMA	•	•	•	•	•	•	•	•
Bisomer® DEGDMA HI	•	•	•	•	•	•	•	•
Bisomer® TEGDMA	•	•	•	•	•	•	•	•
Bisomer® PEG200DMA	•	•	•	•	•	•	•	•
Bisomer® EP100DMA	•						•	•
Bisomer® EP150DMA	•						•	•

CHEMICAL INVENTORY REGISTRATIONS

Product Name	REACH *	TSCA	DSL	PICCS	AICS	KECL	ENCS	IECSC
	EU	USA	Canada	Philipp.	Australia	Korea	Japan	China

NEOPENTYL POLYOLS

DMPA®	●	●	●	●	●	●	●	●
TRIMET® TME	●	●	●	●	●	●	●	●

DMPA® POLYMERIC POLYOLS

HA-0135	●	●						
HA-0135LV2	●	●						

TRI-REZ® POLYESTER POLYOLS (Linear)

1030-60	●	●	NDSL	●		●	●	●
1030-90	●	●	NDSL	●		●	●	●
1230-60	●	●					●	●
1230-90	●	●					●	●

TRI-REZ® POLYESTER POLYOL (Branched)

1220A-300	●	●				●	●	
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MULTI-FUNCTIONAL AMINO ALCOHOL ADDITIVE

Bisomer® Amine D700	●	●	●	●	●	●	●	●
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AMINE ACTIVATOR FOR ORGANIC PEROXIDE INITIATION

Bisomer® PTE	●	●			●	●	●	●
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DI-FUNCTIONAL ALLYL MONOMER

Bisomer® DALP	●	●	●	●	●	●	●	●
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- Listed or compliant

* The products listed in this catalogue as supplied by GEO Specialty Chemicals in the EU / EEA are in compliance with the requirements of REACH, i.e. relevant substances are either registered, shall be registered by the required deadline, or are exempt from registration.
We strongly recommend that you contact GEO prior to purchase for any uses not covered by the Safety Data Sheet and / or Technical Data Sheet.

** Significant New Use Rule

CLASSIFICATION & LABELLING

Product Name	Labelling According to CLP Regulation EC No. 1272/2008		
	GHS Pictogram	Hazard Statements	Precautionary Statements

HYDROXY MONOMERS

Bisomer® HEMA	GHS07	H315, H317, H319	P262, P280, P303+P361+P353, P305+P351+P338
Bisomer® HPMA	GHS07	H317, H319	P262, P280, P303+P361+P353, P305+P351+P338
Bisomer® PEA6	GHS07	H315, H317, H319	P262, P280, P303+P361+P353, P305+P351+P338
Bisomer® PPA6	GHS07 GHS09	H317, H411	P262, P280, P302+P352, P273
Bisomer® PEM6 LD	GHS07	H317	P262, P280, P302+P352
Bisomer® PPM5 LI	None	H412	P273
Bisomer® PEM63P HD	GHS07 GHS08	H319, H335, H315, H317, H351	P202, P261, P262, P280, P303+P361+P353, P305+P351+P338

MONO-FUNCTIONAL MONOMERS

Bisomer® IDMA	GHS09	H410	P273
Bisomer® LMA	None	None	None
Bisomer® LMA97 SP	GHS07 GHS09	H315, H319, H335, H410	P261, P262, P273, P280, P303+P361+P353, P305+P351+P338
Bisomer® C13MA	GHS07	H319, H335, H315	P261, P262, P280, P303+P361+P353, P305+P351+P338
Bisomer® BZMA	GHS07	H315, H317, H319, H335	P261, P262, P280, P303+P361+P353, P305+P351+P338
Bisomer® IPGMA	None	H319	P264, P280, P305+P351+P338, P337+P313
Bisomer® MPEG350MA	None	None	None
Bisomer® MPEG550MA	None	None	None
Bisomer® S10W	None	None	None
Bisomer® S20W	None	None	None

DI-FUNCTIONAL MONOMERS

Bisomer® BDDMA	GHS07	H317	P280, P302+P352
Bisomer® DEGDMA HI	GHS07	H319	P262, P280, P305+P351+P338
Bisomer® TEGDMA	GHS07	H317	P280, P302+P352
Bisomer® PEG200DMA	None	None	None
Bisomer® EP100DMA	GHS07	H319, H335, H315	P261, P262, P280, P303+P361+P353, P305+P351+P338
Bisomer® EP150DMA	GHS07	H319, H335, H315	P261, P262, P280, P303+P361+P353, P305+P351+P338

CLASSIFICATION & LABELLING

Product Name	Labelling According to CLP Regulation EC No. 1272/2008		
	GHS Pictogram	Hazard Statements	Precautionary Statements

NEOPENTYL POLYOLS

DMPA®	GHS07	H319, H335	P261, P280, P304+P340, P305+P351+P338, P312, P337+P313
TRIMET® TME	None	None	None

DMPA® POLYMERIC POLYOLS

HA-0135	None	None	None
HA-0135LV2	None	None	None

TRI-REZ® POLYESTER POLYOLS (Linear)

1030-60	None	None	None
1030-90	None	None	None
1230-60	None	None	None
1230-90	None	None	None

TRI-REZ® POLYESTER POLYOL (Branched)

1220A-300	None	None	None
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MULTI-FUNCTIONAL AMINO ALCOHOL ADDITIVE

Bisomer® Amine D700	GHS02 GHS05 GHS07	H226, H302, H314	P233, P210, P262, P280, P301+P330+P331, P303+P361+P353, P305+P351+P338
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AMINE ACTIVATOR FOR ORGANIC PEROXIDE INITIATION

Bisomer® PTE	GHS05 GHS07	H302, H315, H317, H318, H412	P280, P301+P312, P302+P352, P305+P351+P338, P332+P313
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DI-FUNCTIONAL ALLYL MONOMER

Bisomer® DALP	GHS07 GHS08 GHS09	H302, H317, H332, H341, H400, H410	P264, P270, P273, P280, P302+P352, P301+P310, P312 P304+P340, P501
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CLASSIFICATION & LABELLING LEGEND

Reference	Description
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HAZARD PHRASES

H226	Flammable liquid and vapour
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
H341	Suspected of causing genetic defects
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects

PRECAUTIONARY STATEMENTS

P202	Do not handle until all safety precautions have been read and understood
P210	Keep away from heat/sparks/open flames/hot surfaces - No smoking
P233	Keep container tightly closed
P261	Avoid breathing dust/fumes/gas/mist/vapours/spray
P262	Do not get in eyes, on skin or on clothing
P264	Wash face, hands and any exposed skin thoroughly after handling
P270	Do not eat, drink or smoke when using this product
P273	Avoid release to the environment
P280	Wear protective gloves/protective clothing/eye protection/face protection
P301+P310	IF SWALLOWED: immediately call a POISON CENTER or doctor/physician
P304+P340	IF INHALED: remove to fresh air and keep at rest in a position comfortable for breathing
P301+P312	IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell
P301+P330+P331	IF SWALLOWED: rinse mouth. Do NOT induce vomiting
P302+P352	IF ON SKIN: wash with plenty of soap and water
P305+P351+P338	IF IN EYES: rinse continuously with water for several minutes. Remove contact lenses if easy to do. Continue rinsing
P312	Call a POISON CENTER or doctor/physician if you feel unwell
P303+P361+P353	IF ON SKIN (or hair): remove/take off all contaminated clothing immediately. Rinse skin with water / shower
P332+P313	If skin irritation occurs: get medical advice/attention
P337+P313	If eye irritation persists: get medical advice/attention
P362+P364	Take off contaminated clothing and wash it before reuse
P405	Store locked up
P501	Dispose of contents/container at an approved waste disposal plant

GHS PICTOGRAMS

GHS02



GHS05



GHS07



GHS08



GHS09



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FOOD PACKAGING REGULATIONS

Product Name	Swiss Ordinance	EU10/2011*	FCN Listing
Bisomer® HEMA	Y (Part A)	✓	
Bisomer® HPMA	Y (Part B)		
Bisomer® PEA 6	C		
Bisomer® PPA 6	Y (Part B)		
Bisomer® PEM6 LD	Y (Part B)		
Bisomer® PPM5 LI	Y (Part B)		
Bisomer® PEM63 HD	Y (Part B)		
Bisomer® IDMA	Y (Part B)		
Bisomer® LMA	Y (Part B)		
Bisomer® LMA 97SP	Y (Part B)		
Bisomer® BZMA	Y (Part A)	✓	
Bisomer® MPEG350MA	Y (Part B)		
Bisomer® MPEG550MA	Y (Part B)		
Bisomer® S10W	Y (Part B)		
Bisomer® S20W	Y (Part B)		
Bisomer® BDDMA	Y (Part A)		
Bisomer® DEGDMA HI	Y (Part B)		
Bisomer® TEGDMA	Y (Part A)		
Bisomer® PEG200DMA	Y (Part B)		
Bisomer® EP100DMA	C		
Bisomer® EP150DMA	C		
Bisomer® Amine D700	Y (Part B)		
Bisomer® PTE	C		
Bisomer® DALP	Y (Part A)		
DMPA®	Y (Part A)		FCN1061
TRIMET® TME	Y (Part B)		

C = manufactured from listed components

Y = product listed

* EU Regulation 10/2011 on plastic materials and articles intended to come into contact with food.

BfR RECOMMENDATIONS

Product Name	XII	XIV	XXII	XXXIV	XXXVI
Bisomer® HEMA		Y	Y		Y
Bisomer® PEA 6					Y
Bisomer® LMA		Y			
Bisomer® LMA 97SP		Y			
Bisomer® BZMA		Y	Y		
Bisomer® MPEG350MA					Y
Bisomer® MPEG550MA					Y
Bisomer® S10W					Y
Bisomer® S20W					Y
Bisomer® BDDMA		Y	Y		
Bisomer® PTE	Y				
Bisomer® DALP				Y	

Y = product listed

BfR Recommendations:

XII. Unsaturated Polyester Resins

XIV. Plastics Dispersions

XXII. Polymers Based on Esters of Acrylic and Methacrylic Acids, their Copolymers, and mixtures of these with other Polymers

XXXIV. Vinylidene Chloride Copolymers with a Predominant Content of Polyvinylidene Chloride

XXXVI. Paper and Board for Food Contact

FDA CFR21 APPROVALS

Product Name	175.105	175.300	175.320	175.360	176.170	176.180	176.210	177.1010	177.1390	177.2420	178.3710	178.3725
Bisomer® HEMA	Y	P				P		Y				
Bisomer® HPMA	Y	P						Y				
Bisomer® LMA					P		P				P	
Bisomer® LMA 97SP					P		P				P	
Bisomer® DEGDMA HI								Y				
Bisomer® DALP	Y			Y	Y							
DMPA®	Y				Y							Y
TRIMET® TME		Y	Y			Y	Y		Y	Y		Y

Y = product listed

P = listed as a component of a polymer

- 175.105 Adhesives
- 175.300 Resinous and polymeric coatings
- 175.320 Resinous and polymeric coatings for polyolefin films
- 175.360 Vinylidene chloride copolymer coatings for nylon film
- 176.170 Components of paper and paperboard in contact with aqueous and fatty foods
- 176.180 Components of paper and paperboard in contact with dry food
- 176.210 Defoaming agents used in the manufacture of paper and paperboard
- 177.1010 Acrylic and modified acrylic plastics, semi-rigid and rigid
- 177.1390 Laminate structures for use at temperatures of 250°F and above
- 177.2420 Polyester resins, cross-linked
- 178.3710 Petroleum wax
- 178.3725 Pigment Dispersants

KOSHER CERTIFICATIONS

Product Name	Status: Pareve Passover
Bisomer® Amine D700	✓
Bisomer® PEA6	✓
Bisomer® PEM6 LD	✓
Bisomer® PEM63P HD	✓
Bisomer® PPA6	✓
Bisomer® PPM5 LI	✓
Bisomer® PTE	✓



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For more information on any of our products, please contact your local customer service team:

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