



## Compositions

*Orthocryl*<sup>®</sup> *Orthocryl*<sup>®</sup> LC



Date: 05/2021

Orthocryl® acrylics  
Chemical composition in wt %



Product group	Product	Component	Content in wt. %
<b>Monomer</b>	Monomer, clear	Methyl methacrylate	> 90 %
		Ethylene glycol dimethacrylate	< 10 %
		N,N-Dihydroxyethyl-p-toluidine	≤ 0.5 %
		Hydroquinone monomethyl ether	50 ppm
		2-(2-Benzotriazolyl)-p-cresol	< 0.3 %
<b>Monomer shades</b> Basic components, see monomer, clear	Monomer, red/pink	Color index S.R. 111, S.R. 52	< 0.5 %
	Monomer, green	Color index S.B. 97, S.Y. 93	< 0.5 %
	Monomer, blue	Color index S.B. 97	< 0.5 %
	Monomer, yellow	Color index S.Y. 93	< 0.5 %
	Monomer, pink	Color index D.V. 26, D.V. 31	< 0.5 %
	Monomer, turquoise	Color index S.B. 67	< 0.5 %
	Monomer, emerald green	Color index S.B. 67, S.Y. 93	< 0.5 %
	Monomer, violet	Color index S.B. 97, S.V. 36	< 0.5 %
	Monomer, neon yellow	Color index S.Y. 98	< 0.5 %
	Monomer, neon orange	Color index S.Y. 98, XX	< 0.5 %
	Monomer, neon pink	Color index S.R. 52	< 0.5 %
	Monomer, neon green	Color index S.B. 67, S.Y. 93	< 0.5 %
	Monomer, neon blue	Color index S.B. 97	< 0.5 %
<b>Monomer color concentrates</b>	Color concentrate, red	Methyl methacrylate	> 99.5 %
		Color index S.R. 111, S.R. 52	< 0.5 %
	Color concentrate, blue	Methyl methacrylate	> 99.5 %
		Color index S.B. 97	< 0.5 %
<b>Polymer</b>	Polymer, clear	Polymethyl methacrylate	99.5 %
		Benzoyl peroxide	0.5 %
<b>Polymer black &amp; white</b> Basic components, see polymer, clear	Polymer, black	Color index P.B. 7	< 0.5 %
	Polymer, white	Color index P.W. 6	< 0.5 %

Orthocryl® LC acrylics  
Chemical composition



Product group	Product	Component
<b>Light-curing acrylic</b>	Orthocryl® LC	Urethane dimethacrylate
		Polyethylene glycol dimethacrylate
		Pyrogenic silica
		1.4-butanediol dimethacrylate
		Photoinitiators
		Pigments