



2 PRODUCT CATALOGUE

II ULTRA VIOLET CURABLE RESIN

II ULTRA VIOLET CURABLE RESIN

1 Monomers

[illegible]

This overview gives the key properties of broad selection of products. The product specification were correct at the time of publishing but they may change from time to time. It is recommended to contact us for comprehensive information on full range of products.


II
2 **ULTRA VIOLET CURABLE RESIN**
Oligomers


Product Code	Product Name	Appearance	Functionality	Colour Gardner Max.	Acid Value Max.	Viscosity in FCB4 @ 30°C	Reducer	Molecular Weight	Density g/cm³	Properties
A Epoxy Acrylate										
UVP 0600 99	Epoxy Acrylate	Clear Viscous Liquid	2	2	2	#3000 - 3500		500	1.130	Fast cure, high gloss.
UVP 0610 99	Epoxy Acrylate Gel	Clear Viscous Liquid	2	1	2	60 -70	60% in TPGDA	500	1.150	Fast cure, high gloss.
UVP 0611 99	Fatty acid modified Epoxy Acrylate	Clear Viscous Liquid	2	1	2	40 - 50	60% in TPGDA	500	1.130	Fast cure, high gloss.
UVP 0612 99	Epoxidised Soya Acrylate	Clear Viscous Liquid	2	1	2	5000 - 6000*		1200	1.150	Fast cure, high gloss.
Product Code	Product Name	Appearance	Functionality	Colour Gardner Max.	Acid Value Max.	Viscosity in FCB4 @ 30°C	Reducer	Molecular Weight	Density g/cm³	Properties
B Urethane Acrylate										
UVP 0210 99	Aromatic Urethane Acrylate	Clear Viscous Liquid	2	1	2	50 - 60	40% in TPGDA	1500	1.110	Displays an attractive versatility of use.
UVP 0215 99	Aromatic Hexafunctional Urethane Acrylate	Dark Viscous Liquid	6		2	50 - 70	50% in TPGDA	1500	1.090	Displays an attractive versatility of use.
UVP 0225 99	Aliphatic Urethane Acrylate	Clear Viscous Liquid	2	1	2	60 - 80	40% in TPGDA	1500	1.120	Displays an attractive versatility of use.
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II ULTRA VIOLET CURABLE RESIN

3 Monomer Oligomer Blends

II 3	ULTRA VIOLET CURABLE RESIN Monomer Oligomer Blends						MPD INDUSTRIES P LTD. 	
	Product Code	Product Name	Appearance	Functionality	Colour Gardner Max.	Viscosity in Cps @ 30°C	Density g/cm³	Properties
A	Epoxy acrylate monomer blends							
UVP 0601 99	Epoxy Acrylate : TPGDA (60:40)	Clear Viscous Liquid	2	1	1200 - 1400	1.180	Light color, good UV/EB reactivity, good hardness and chemical resistance.	
UVP 0602 99	Epoxy Acrylate : TPGDA (75:25)	Clear Viscous Liquid	2	1	6500 - 7000	1.140	Light color, good UV/EB reactivity, good hardness and chemical resistance.	
UVP 0603 99	Epoxy Acrylate : TPGDA (35:65)	Clear Viscous Liquid	2	1	140 - 150	1.060	Light color, good UV/EB reactivity, good hardness and chemical resistance.	
UVP 0604 99	Epoxy Acrylate : TMPTA (70:30)	Clear Viscous Liquid	2	1	9000 - 9500	1.155	Light color, good UV/EB reactivity, good hardness and chemical resistance.	
UVP 0605 99	Epoxy Acrylate : TMPTA (80:20)	Clear Viscous Liquid	2	1	11000 - 13000	1.162	Light color, good UV/EB reactivity, good hardness and chemical resistance.	
UVP 0606 99	Epoxy Acrylate : TMPTA (40:60)	Clear Viscous Liquid	2	1	900 - 1100	1.152	Light color, good UV/EB reactivity, good hardness and chemical resistance.	
UVP 0607 99	Epoxy Acrylate : DPGDA (30:70)	Clear Viscous Liquid	2	1	55 - 65	1.090	Light color, good UV/EB reactivity, good hardness and chemical resistance.	
UVP 0608 99	Epoxy Acrylate : TMPTA (30:70)	Clear Viscous Liquid	2	1	400 - 600	1.120	Light color, good UV/EB reactivity, good hardness and chemical resistance.	
UVP 0609 99	Epoxy Acrylate : HDDA (50:50)	Clear Viscous Liquid	2	1	150 - 200	1.085	Light color, good UV/EB reactivity, good hardness and chemical resistance.	
UVP 0613 99	Epoxy Acrylate : HDDA (30:70)	Clear Viscous Liquid	2	1	40 - 70	1.070	Light color, good UV/EB reactivity, good hardness and chemical resistance.	
UVP 0614 99	Epoxy Acrylate : HDDA (20:80)	Clear Viscous Liquid	2	1	30 - 60	1.060	Light color, good UV/EB reactivity, good hardness and chemical resistance.	
								For more details request for Individual Data Sheets
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II 4		ULTRA VIOLET CURABLE RESIN Synergist					MPD INDUSTRIES P LTD. 	
Product Code	Product Name	Appearance	pH Value	Colour Gardner Max.	Viscosity in Cps @ 30°C	Density g/cm ³	Properties	
A Synergist								
UVP 0115 99	Amine Co Initiator Synergist	Clear Liquid	8 - 9	2	80 -130	0.990	Highly efficient amine co initiator.	
UVP 0116 99	Amine Co Initiator Acrylate	Clear Viscous Liquid		2	400 - 600	1.100	High photoreactivity, excellent adhesion on plastic substrate.	
<div>For more details request for Individual Data Sheets</div>								
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