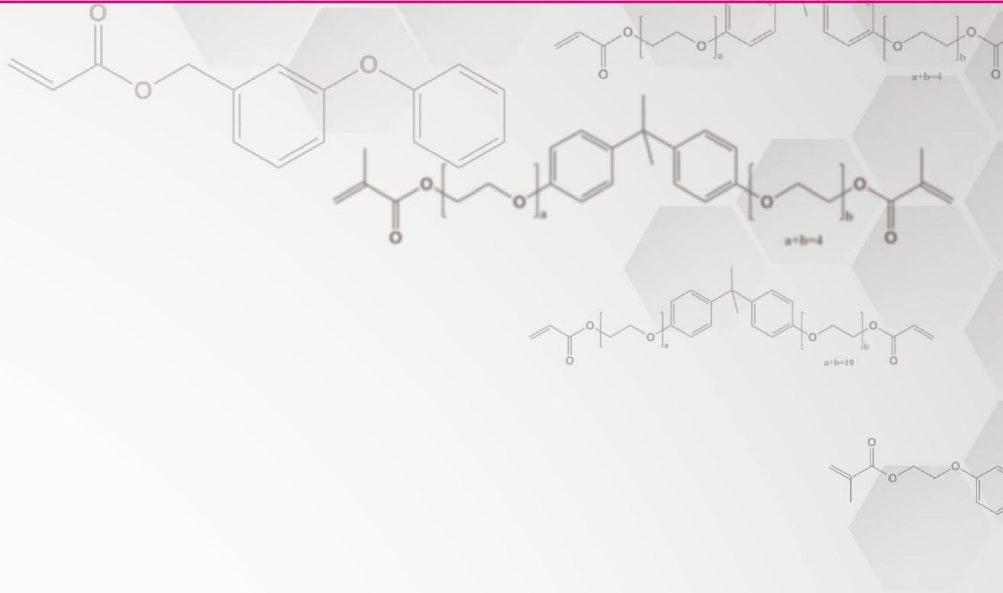




► Radical cure UV monomers

SynthEdge

SynthEdge Advanced Material Corp. Ltd.

► Polymer Intermediates

► Radical cure Photoinitiators

► Plastic Additives





Our Vision

Have you ever really thinking about "How to become a business leader in Today's Fast-Paced World?"

For us, our customers, Employees, Suppliers, Distributors and other Partners are the significant factors driving our's success and make up what we are today!

SynthEdge is a premium chemical products supplier to create value for our customers, continuously improving these 3 skills making us exceptional

- *Consistent learning and adaptability*
- *Technological innovation skills*
- *High responsibility, commitment and accountability toward our customers, employees and community*

In **SynthEdge**, we build the positive working environment, so that our staffs can be able to share individual's creative idea, altogether with giving the effective performance.

Our experiences in manufacturing, product management, exporting and logistics, shown and proved of our potential in offering customers the competitive and creative solutions to our valuable customers.

SynthEdge reputable distribution channels are well set in Asia, Europe, America, even in the Middle East countries. Through the distribution network, our products are easily accessed for your convenience. With our clear vision, we ultimately hope to bring a higher quality life and a better world for this era.



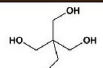
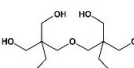
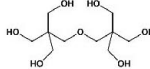
Radical cure UV monomers

Product Name	Description	Chemical Name	Structure	CAS No.	MW (g/mol)	Viscosity (cps @ 25°C)
Monofunctional Acrylate						
Edgemer 2101	LA	Lauryl acrylate		2156-97-0	240	5~15
Edgemer 2102	CTFA	Cyclic trimethylolpropane formal acrylate		66492-51-1	200	10~20
Edgemer 2103	PHEA	Phenol(EO) acrylate		48145-04-6	192	8~20
Edgemer 2104	PBA	Phenoxy benzyl acrylate		409325-06-0	254	12~20
Edgemer 2105	OPPEA	o-Phenylphenol(EO) acrylate		72009-86-0	268	110~160
Edgemer 2106	BZA	Benzyl acrylate		2495-35-4	162	1~10
Edgemer 2107	IDA	Isodecyl acrylate		1330-61-6	212	10 max
Edgemer 2108	THFA	Tetrahydrofurfuryl acrylate		2399-48-6	156	10 max
Edgemer 2109	TMCHA	Trimethyl cyclohexyl acrylate		86178-38-3	196	1~10
Edgemer 2110	EOEOEA	Ethoxy ethoxy ethyl acrylate		7328-17-8	188	3~10
Edgemer 2111	SA	Stearyl acrylate		4813-57-4	324	solid
Edgemer 2112	TBCHA	4-tert-butylcyclohexyl acrylate		84100-23-2	210	5~20
Edgemer 2114	PTEA	2-(Phenylthio)ethyl acrylate		95175-38-5	208	5~15
Edgemer 2115	IBOA	Isobornyl acrylate		5888-33-5	208	15 max
Edgemer 2116	HEA	2-Hydroxyethyl acrylate		818-61-1	116	10~15
Edgemer 2117	HPA	2-Hydroxypropyl acrylate		25584-83-2	130	3~10
Edgemer 2118	AOI	2-Isocyanatoethyl Acrylate		13641-96-8	141	<30
Difunctional Acrylate						
Edgemer 2201	HDDA	1,6-Hexanediol diacrylate		13048-33-4	226	5~15
Edgemer 2202	TPGDA	Tripropylene glycol diacrylate		42978-66-5	300	15~20
Edgemer 2203	DPGDA	Dipropylene glycol diacrylate		57472-68-1	242	5~30
Edgemer 2204	BPA(EO) ₄ DA	Bisphenol A (EO) ₄ diacrylate		64401-02-1	512	900~1,300
Edgemer 2205	BPA(EO) ₃ DA	Bisphenol A (EO) ₃ diacrylate		64401-02-1	468	1,000~2,000
Edgemer 2206	BPA(EO) ₁₀ DA	Bisphenol A (EO) ₁₀ diacrylate		64401-02-1	776	600~700

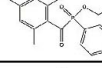
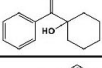
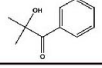
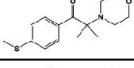
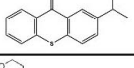
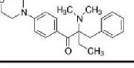
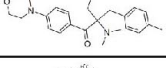
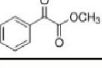
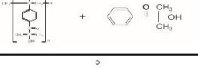
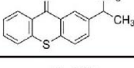
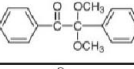
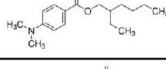
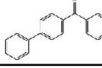
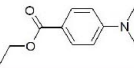
Product Name	Description	Chemical Name	Structure	CAS No.	MW (g/mol)	Viscosity (cps @ 25°C)
Difunctional Acrylate						
Edgemer 2207	PEG400DA	Polyethylene glycol 400 diacrylate		26570-48-9	508	45~65
Edgemer 2208	NPG(PO) ₂ DA	Neopentylglycol(PO) ₂ diacrylate		84170-74-1	328	10~30
Edgemer 2211	TCDDA	Tricyclodecane dimethanol diacrylate		42594-17-2	304	120~150
Edgemer 2212	PEG200DA	Polyethylene glycol 200 diacrylate		26570-48-9	308	15~35
Edgemer 2216	PEG600DA	Polyethylene glycol 600 diacrylate		26570-48-9	708	80~120
Edgemer 2221	HD(EO) _n DA	1,6-Hexanediol (EO) _n Diacrylate		84170-27-4	314	10~20
Trifunctional Acrylate						
Edgemer 2301	PETA	Pentaerythritol triacrylate		3524-68-3	298	400~800
Edgemer 2302	TMPTA	Trimethylolpropane triacrylate		15625-89-5	296	80~120
Edgemer 2303	TMP(EO) ₃ TA	Trimethylolpropane(EO) ₃ triacrylate		28961-43-5	428	50~70
Edgemer 2303N	TMP(EO) ₄ TA	Trimethylolpropane(EO) ₄ triacrylate		28961-43-5	472	60~80
Edgemer 2304	GPTA	Glycerine (PO) ₃ triacrylate		52408-84-1	428	80~120
Edgemer 2305	THEICTA	Tris(2-hydroxyethyl) isocyanurate triacrylate		40220-08-4	423	solid
Edgemer 2306	TMP(EO) ₆ TA	Trimethylolpropane(EO) ₆ triacrylate		28961-43-5	560	60~100
Edgemer 2307	TMP(PO) ₃ TA	Trimethylolpropane (PO) ₃ Triacrylate		53879-54-2	470	70~100
Edgemer 2315	TMP(EO) ₁₅ TA	Trimethylolpropane(EO) ₁₅ triacrylate		28961-43-5	956	100~200
Multifunctional Acrylate						
Edgemer 2401	DTMPTTA	Ditrimethylolpropane tetraacrylate		94108-97-1	466	450~750
Edgemer 2601	DPHA	Dipentaerythritol hexaacrylate		29570-58-9	578	4,000~7,000
Edgemer 2607	DPHA	Dipentaerythritol hexaacrylate		29570-58-9		5000~10000
Edgemer 2609	DPHA	Dipentaerythritol hexaacrylate		29570-58-9		10000~15000
Edgemer 2402	P(EO) ₄ TA	Pentaerythritol (EO) ₄ Tetraacrylate		51728-26-8	530	120~200
Edgemer 2403	P(EO) ₅ TA	Pentaerythritol (EO) ₅ Tetraacrylate		51728-26-8	571	120~170
Edgemer 2404	P(EO) ₆ TA	Pentaerythritol (EO) ₆ Tetraacrylate		51728-26-8	612	

Product Name	Description	Chemical Name	Structure	CAS No.	MW (g/mol)	Viscosity (cps @ 25°C)
Monofunctional Methacrylate						
Edgemer 1101	LMA	Lauryl methacrylate		142-90-5	254	2~10
Edgemer 1102	SMA	Stearyl methacrylate		32360-05-7	338	solid
Edgemer 1103	HEMA98	2-Hydroxyethyl methacrylate		868-77-9	130	5~10
Edgemer 1104	PHEMA	Phenol(EO) methacrylate		10595-06-9	206	1~10
Edgemer 1105	THFMA	Tetrahydrofurfuryl methacrylate		2455-24-5	170	10 max
Edgemer 1106	BZMA	Benzyl methacrylate		2495-37-6	176	10 max
Edgemer 1107	MPEG600MA	Methoxy PEG600 methacrylate		26915-72-0	668	40~100
Edgemer 1108	HPMA	2-Hydroxypropyl methacrylate		27813-02-1	144	5~10
Edgemer 1115	IBOMA	Isobornyl methacrylate		7534-94-3	222	15 max
Edgemer 1116	MOI	2-Isocyanatoethyl Methacrylate		30674-80-7	155	<30
Difunctional Methacrylate						
Edgemer 1201	BPA(EO) ₄ DMA	Bisphenol A (EO) ₄ dimethacrylate		41637-38-1	540	500~900
Edgemer 1202	BPA(EO) ₃ DMA	Bisphenol A (EO) ₃ dimethacrylate		41637-38-1	496	700~1,200
Edgemer 1203	EGDMA	Ethylene glycol dimethacrylate		97-90-5	198	5~10
Edgemer 1204	DEGDMA	Diethylene glycol dimethacrylate		2358-84-1	242	5~20
Edgemer 1205	PEG400DMA	Polyethylene glycol 400 dimethacrylate		25852-47-5	598	30~50
Edgemer 1207	NPGDMA	Neopentyl glycol dimethacrylate		1985-51-9	240	10 max
Edgemer 1208	PEG200DMA	PEG200 dimethacrylate		25852-47-5	336	10~18
Edgemer 1210	BPA(EO) ₁₀ DMA	Bisphenol A (EO) ₁₀ dimethacrylate		41637-38-1	804	300~500
Edgemer 1211	BDDMA	1,4-Butanediol dimethacrylate		2082-81-7	226	1~10
Edgemer 1212	TEGDMA	Triethylene glycol dimethacrylate		109-16-0	286	5~30
Edgemer 1213	T4EGDMA	Tetraethylene glycol dimethacrylate		109-17-1	330	10~15
Edgemer 1214	HDDMA	1,6-Hexanediol dimethacrylate		6606-69-3	254	5~10
Edgemer 1215	TCDDMA	Tricyclodecane dimethanol dimethacrylate		43048-08-4	332	120~150
Trifunctional Methacrylate						
Edgemer 1301	TMPTMA	Trimethylolpropane trimethacrylate		3290-92-4	338	35~55
Specialty Monomer						
Edgemer ACOMO	ACMO	Acryloyl Morpholine		5117-12-4	141	14 max
Edgemer DMAA	DMAA	N,N-DimethylAcrylamide		2680-03-7	99	3 max
Edgemer DCPOA	DCPOA	Dicyclopentenyl oxyethyl acrylate		65983-31-5	248	15~25
Edgemer DCPOMA	DCPOMA	Dicyclopentenyl oxyethyl methacrylate		68586-19-6	262	15~20
Edgemer CHDMMA	CHDMMA	Cyclohexane dimethanol monoacrylate		23117-36-4	198	88

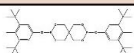
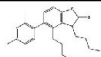
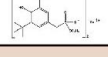
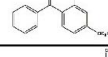
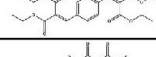
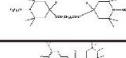
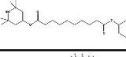
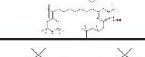
Polymer Intermediates

Product Name	Description	Chemical Name	Structure	CAS No.	MW (g/mol)	Appearance
Edge TMP	TMP	Trimethylolpropane		77-99-6	134	White flake crystal
Edge Di-TMP	Di-TMP	Di-Trimethylolpropane		23235-61-2	250	White flake crystal
Edge PE	PE	Pentaerythritol		115-77-5	136	White crystalline powder
Edge DPE	DPE	Dipentaerythritol		126-58-9	254	White crystalline powder
Edge THF-Alcohol	THF-Alcohol	Tetrahydrofurfuryl Alcohol		97-99-4	102	Colorless liquid

Radical cure Photoinitiators

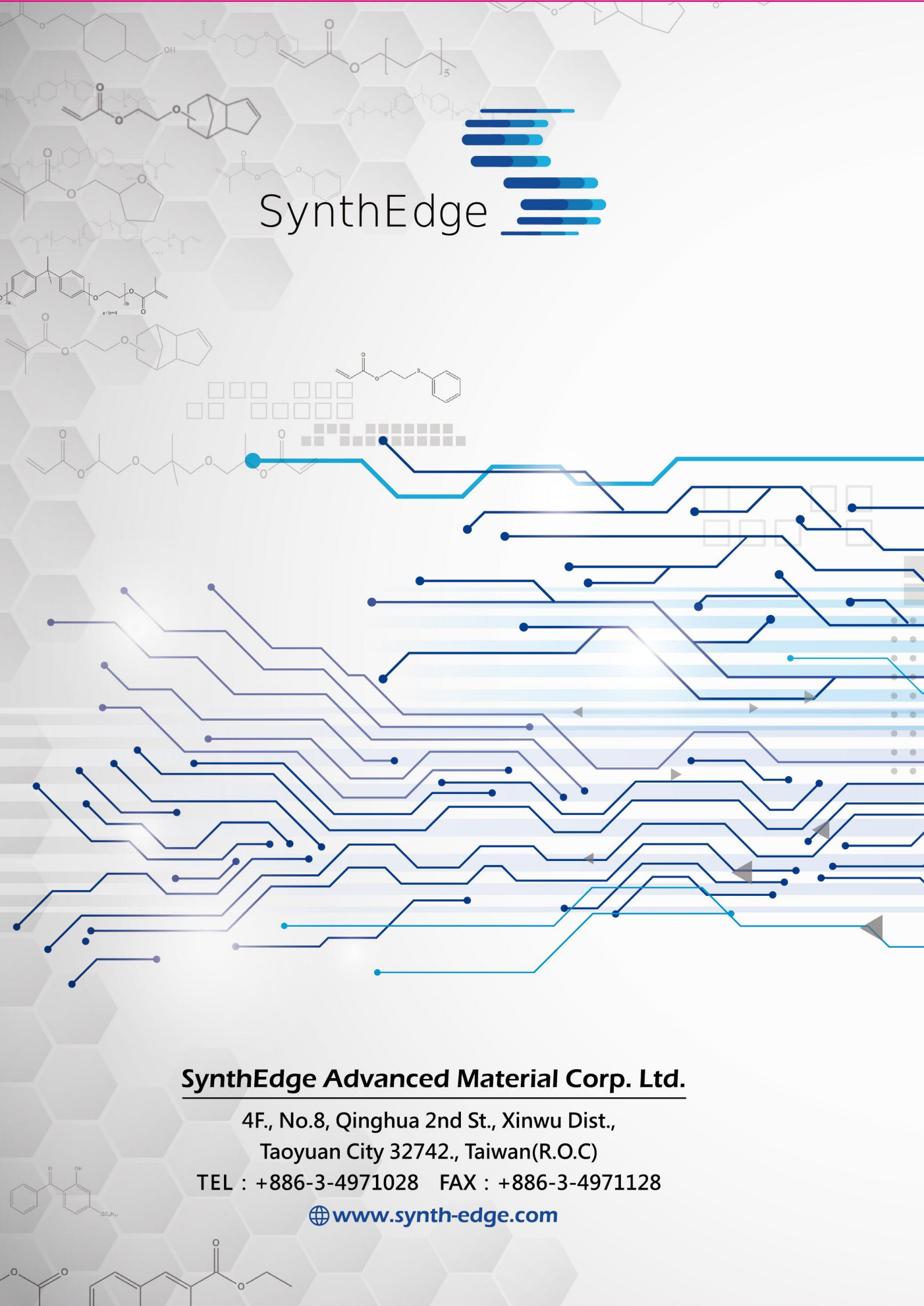
Product Name	Description	Chemical Name	Structure	CAS No.	MW (g/mol)	Absorption
EdgePI-TPO	TPO	2,4,6-Trimethylbenzoyl-diphenyl phosphine		75980-60-8	348	295nm, 368nm 380nm, 393nm
EdgePI-819	819	BIS(2,4,6-Trimethylbenzoyl)-diphenylphosphine		162881-26-7	418	338nm, 370nm 405nm
EdgePI-TPOL	TPOL	Ethyl (2,4,6-trimethylbenzoyl) phenylphosphinate		84434-11-7	316	242nm, 280nm 370nm
EdgePI-184	184	1-Hydroxy-cyclohexyl-phenyl-ketone		947-19-3	204	244nm, 280nm 330nm
EdgePI-1173	1173	2-Hydroxy-2-methylpropiophenone		7473-98-5	164	244nm, 278nm 322nm
EdgePI-907	907	2-Methyl-1-(4-methylthio)phenyl-2-morpholino-1-propanone		71868-10-5	279	231nm, 307nm
EdgePI-ITX	ITX	2-Isopropylthioxanthone		5495-84-1	254	258nm, 382nm
EdgePI-369	369	2-Benzyl-2dimethylamino-1-(4-morpholinphenyl) butanone		119313-12-1	366	325nm, 335nm
EdgePI-379	379	2-Dimethylamino-2-(4-methyl-benzyl)-1-(4-morpholin-4-yl-phenyl)-butan-1-one		119344-86-4	380	233nm, 320nm
EdgePI-784	784	Bis(eta.5 2,4 cyclopentadien 1 yl) bis[2,6 difluoro 3 --(1H pyrro ly)phenyl] titanium		125051-32-3	534	333nm, 396nm, 470nm
EdgePI-MBF	MBF	Methyl phenylglyoxylate		15206-55-0	164	255nm, 335nm
EdgePI-P100	P100	Oligo [2-hydroxy-2-methyl-1-[4-(1-methylvinyl) phenyl]propanone]		163702-01-0 7473-98-5		
EdgePI-DETX	DETX	2,4-Diethylthioxanthone		82799-44-8	268	261nm, 385nm
EdgePI-ITX	ITX	2-Isopropylthioxanthone		5495-84-1	254	258nm , 382nm
EdgePI-BDK	BDK	2,2-Dimethoxy-2-phenylacetophenone		24650-42-8	256	205-253nm
EdgePI-EHA	EHA	2-ethylhexyl 4-(dimethylamino)benzoate		21245-02-3	276	310nm
EdgePI-PBZ	PBZ	4-phenylbenzophenone		2128-93-0	258	289nm
EdgePI-EDB	EDB	Ethyl-4-(dimethylamino)benzoate		10287-53-3	193	228nm, 308nm
EdgePI-BP	BP	Benzophenone		119-61-9	182	210nm,255nm

Plastic Additives

Product Name	Description	Chemical Name	CAS No.	MW (g/mol)	Application
Antioxidants					
EdgeAox-36	36		80693-00-1	633	Polyolefins, ABS, Engineering plastics, HIPS, PS
EdgeAox-136	136		181314-48-7	350	PC, Polyester, Polyolefin
EdgeAox-168	168		31570-04-4	647	Engineering rubber, PS, Polyolefins Nitrile rubber(NBR)
EdgeAox-1010	1010		6683-19-8	1,178	Plastic, Elastomer, Chemical fiber
EdgeAox-1076	1076		2082-79-3	530	Plastic, Elastomer
EdgeAox-1425	1425		65140-91-2	695	PET
UV Absorbers					
EdgeSorb-326	326		3896-11-5	316	Coating system, PP, PE, PVC, PS, ABS, PS-NBR
EdgeSorb-327	327		3864-99-1	357	Coating system, PP, PE, PVC, PS, ABS, PS-NBR
EdgeSorb-531	531		1843-05-6	326	Acrylic resin, PP, PE, PVC
EdgeSorb-988	988		6337-43-5	418	PC, PET
EdgeSorb-1988	1988		7443-25-6	250	PU, PVC, PC, PS, TPU, PMMA
EdgeSorb-3030	3030		178671-58-4	1,061	PC, PET
EdgeSorb-3638	3638		18600-59-4	369	PC, PET
Blue-Ray Absorbers					
EdgeSorb-3690	3690	Absorption Range 370~430nm			PET, PC, PS, Hardcoat
EdgeSorb-3990	3990	Absorption Range 360~440nm			Hardcoat and Adhesive
EdgeSorb-3995	3995	Absorption Range 360~475nm			Hardcoat and Adhesive
EdgeSord-3999	3999	Absorption Range 385~505nm			Hardcoat and Adhesive
Light Stabilizers (HALS)					
EdgeStab-119	119		106990-43-6	2,286	Polyolefins, ABS, PVC, EVA, EAA EVOH, EPR
EdgeStab-123	123		129757-67-1	737	Industrial and Automotive coatings Sheet flooring coatings
EdgeStab-144	144		63843-89-0	685	Powder coatings, Automotive coatings Wood coloring agent,decorative paint
EdgeStab-292	292		41556-26-7 82919-37-7	509	PP, PE, PU coating,ethylene acetic acid, TPU
EdgeStab-310	310		147783-69-5	529	Polyolefins, PS, PVC, PBT, Paints and coatings
EdgeStab-622	622		65447-77-0	>3,000	PP, PE, PU coating, ethylene acetic acid, TPU
EdgeStab-770	770		58229-07-9	480	PP, PE, PU coating, ethylene acetic acid, TPU
EdgeStab-944	944		71878-19-8	2,000~3,300	PP, PE, PU coating, ethylene acetic acid, TPU
EdgeStab-956	956		42774-15-2	442	Nylon
EdgeStab-4050	4050		124172-53-8	450	HDPE, PS, ABS, PA

Oligmer

Product Name	Dilution (%)	Description	Functionality	MW(g/mol)	Viscosity(cps @25°C)
Edgemer EA220		Bisphenol A epoxy difunctional acrylate oligomer	2	520	
Edgemer EA220B	TPGDA 20	Bisphenol A epoxy difunctional acrylate oligomer	2	520	28500~40000
Edgemer EA220C	TMPTA 20	Bisphenol A epoxy difunctional acrylate oligomer	2	520	50000~80000
EA310		Epoxidized soy bean acrylate	3~4		15000~30000



SynthEdge

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