

MONOMERS CATALOG

2018

SPECIFIC POLYMERS OVERVIEW:

SPECIFIC POLYMERS is a company specialized in the synthesis of polymer additives bearing heteroelements; mainly phosphorus, silicon and fluorine. Our products are intended for research laboratories in surface modifications (glass, metals, metal oxides, nanoparticles, plastics, etc.) for applications in pharmaceuticals, cosmetics, water treatment, metal extraction, concrete, adhesion, anticorrosion, etc.

Using our expertise in the field of polymer chemistry, especially in the chemistry of phosphorus, silicon and phosphorus, we propose novel polymers which are often supplied exclusively by our company.

These polymers present physico-chemical properties such as:

- Adhesion onto metal, anticorrosion, complexation of heavy metals, fire-proofing, etc.
- Hydrophoby – Oleophoby – Chemical inertness – Thermal stability, etc.

Our services including also custom synthesis and research contract provide our specific expertise on functional polymers to support Research programs.



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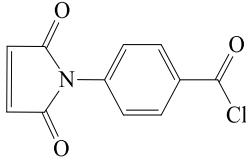
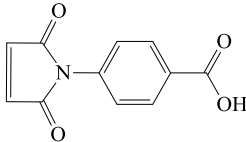
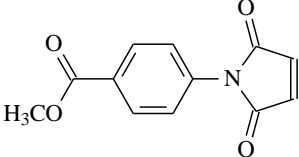


ALKYL MONOMERS

□ SP-3-9-ALKYL MALEIMIDE

SP-3-9-001	C8 Maleimide [4080-76-6] $C_{12}H_{19}NO_2$ Mw= 209.28	
SP-3-9-002	C10 Maleimide [not identified] $C_{14}H_{23}NO_2$ Mw= 237.34	
SP-3-9-003	C12 Maleimide [17616-03-4] $C_{16}H_{27}NO_2$ Mw= 265.39	
SP-3-9-004	Allyl Maleimide [2973-17-3] $C_7H_7NO_2$ Mw= 137.14	
SP-3-9-005	Tertbutyl Maleimide [4144-22-3] $C_8H_{11}NO_2$ Mw= 153.18	
SP-3-9-006	C3 Maleimide [21746-40-7] $C_7H_9NO_2$ Mw= 139.15	



SP-3-9-007	Benzoyl Chloride Maleimide <i>[Not Identified]</i> $C_{11}H_6ClNO_3$ Mw= 253.63	
SP-3-9-008	Benzoic Acid Maleimide <i>[Not Identified]</i> $C_{11}H_7NO_4$ Mw= 217.18	
SP-3-9-009	Methyl Maleimide Benzoate <i>[40349-49-3]</i>	



EPOXYDES

□ SP-3-15-EPOXY PHOSPHONIC

SP-3-15-001	Epoxy Methyl Dimethylphosphonate [930278-89-0] C ₆ H ₁₃ O ₄ P Mw= 180.14	
SP-3-15-002	Epoxy Methyl Diethylphosphonate [95414-33-8] C ₈ H ₁₄ O ₄ P Mw= 208.19	
SP-3-15-003	Epoxy Dimethylphosphonate [17989-06-9] C ₅ H ₁₁ O ₄ P Mw= 166.11	
SP-3-15-004	Epoxy C3 Dimethylphosphonate [86211-32-7] C ₈ H ₁₇ O ₅ P Mw= 224.19	
SP-3-15-005	Epoxy C3 Diethylphosphonate [55884-03-2] C ₁₀ H ₂₁ O ₅ P Mw= 252.24	
SP-3-15-006	Epoxy Diethylphosphonate [not identified] C ₇ H ₁₅ O ₄ P Mw= 194.17	



□ **SP-3-25-ALKYL ALCOXYSILANE EPOXY**

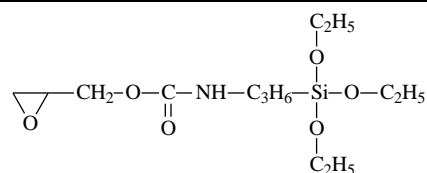
SP-3-25-001

EPOXY PROPYL URETHANE
TRIETHOXSILANE

[1055996-75-2]

C₁₃H₂₇NO₆Si

Mw=321.44





FUNCTIONAL (METH)ACRYLATES / (METHA)CRYLAMIDES

□ SP-4-9-ACRYLATE - METHACRYLATE AZIDE - PROPARGYL

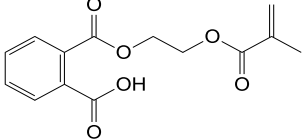
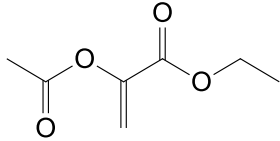
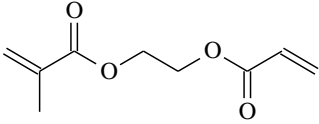
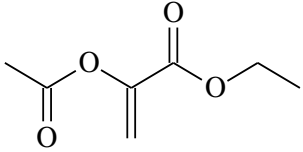


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□ SP-40-ACRYLATE - METHACRYLATE CARBOXYLIC/ESTER/CARBONATE





SP-40-004	2-(Methacryloyloxy)ethyl phthalate monoester [27697-00-3] C ₁₄ H ₁₄ O ₆ Mw= 278.26	
SP-40-005	Ethyl α-acetoxyacrylate [22807-79-0] C ₇ H ₁₀ O ₄ Mw= 158.15	
SP-40-006	2-(Acryloyloxy)Ethyl Methacrylate [69040-48-8]	
SP-40-007	Ethyl Acetoxy Acrylate [22807-79-0]	



□ **SP-41-PHOSPHONIC (METH)ACRYLATE - (METH)ACRYLAMIDE**

SP-41-001	MATBAE dimethylphosphonate [14206-25-8] C ₁₃ H ₂₆ NO ₅ P Mw= 307.32	
SP-41-002	MATBAE diethylphosphonate [14235-57-5] C ₁₅ H ₃₀ NO ₅ P Mw= 335.38	
SP-41-003	MAPC1 ME [86242-61-7] C ₇ H ₁₃ O ₅ P Mw= 208.15	
SP-41-004	MAPC1 ME HEMIHYDROLYSED [932019-41-6] C ₆ H ₁₁ O ₅ P Mw= 194.12	
SP-41-005	Maleic Acid Dimethylphosphonate [1980781-17-6] C ₇ H ₁₁ O ₇ P Mw= 238.13	
SP-41-006	MAPC1 ET [60161-88-8] C ₉ H ₁₇ O ₅ P Mw= 236.20	
SP-41-007	MAPC1 Acid [87243-97-8] C ₅ H ₉ O ₅ P Mw= 180.10	
SP-41-008	Methacrylamide Phosphonate ET [918802-80-9] C ₁₀ H ₂₀ NO ₄ P Mw= 249.24	



SP-41-009	MAPC1 SIL [1980048-95-0] $C_{11}H_{25}O_5PSi_2$ Mw= 324.46	$ \begin{array}{c} \text{Si(CH}_3\text{)}_3 \\ \\ \text{O} \\ \\ \text{H}_2\text{C}=\text{C}-\text{C}(=\text{O})-\text{O}-\text{CH}_2-\text{P}=\text{O} \\ \\ \text{CH}_3 \\ \\ \text{O} \\ \\ \text{Si(CH}_3\text{)}_3 \end{array} $
SP-41-010	AAPC1 ME [Not identified] $C_6H_{11}O_5P$ Mw= 194.12	$ \begin{array}{c} \text{H} \\ \\ \text{CH}_2=\text{C} \\ \\ \text{C}=\text{O} \\ \\ \text{O}-\text{CH}_2-\text{PO}(\text{OCH}_3)_2 \end{array} $
SP-41-011	AAPC1 SIL [1980064-07-0] $C_{10}H_{23}O_5PSi_2$ Mw= 310.43	$ \begin{array}{c} \text{H} \\ \\ \text{CH}_2=\text{C} \\ \\ \text{C}=\text{O} \\ \\ \text{O}-\text{CH}_2-\text{P}=\text{O} \\ \quad \\ \text{OSi(CH}_3\text{)}_3 \quad \text{OSi(CH}_3\text{)}_3 \end{array} $
SP-41-012	MAPC2 ME [22432-83-3] $C_8H_{15}O_5P$ Mw= 222.18	$ \begin{array}{c} \text{CH}_3 \\ \\ \text{CH}_2=\text{C} \\ \\ \text{C}=\text{O} \\ \\ \text{O}-\text{C}_2\text{H}_4-\text{PO}(\text{OCH}_3)_2 \end{array} $
SP-41-013	Maleic Acid C2 Dimethylphosphonate [1980781-08-5] $C_8H_{13}O_7P$ Mw= 252.16	$ \begin{array}{c} \text{H} \quad \quad \text{H} \\ \diagdown \quad \diagup \\ \text{C}=\text{C} \\ \diagup \quad \diagdown \\ \text{O}=\text{C} \quad \quad \text{C}=\text{O} \\ \quad \quad \\ \text{OH} \quad \quad \text{O}-\text{C}_2\text{H}_4-\text{PO}(\text{OCH}_3)_2 \end{array} $
SP-41-014	MAPC3 ME [252210-28-9] $C_9H_{17}O_5P$ Mw= 236.20	$ \begin{array}{c} \text{CH}_3 \\ \\ \text{CH}_2=\text{C} \\ \\ \text{C}=\text{O} \\ \\ \text{O}-\text{C}_3\text{H}_6-\text{PO}(\text{OCH}_3)_2 \end{array} $
SP-41-015	MAPC3N ACID [1114567-37-1] $C_9H_{19}NO_8P_2$ Mw= 331.20	$ \begin{array}{c} \text{CH}_3 \\ \\ \text{CH}_2=\text{C} \\ \\ \text{C}=\text{O} \\ \\ \text{O}-\text{C}_3\text{H}_6-\text{N} \begin{array}{l} \text{CH}_2-\text{PO}(\text{OH})_2 \\ \text{CH}_2-\text{PO}(\text{OH})_2 \end{array} \end{array} $
SP-41-016	MAPC2 ACID [80730-17-2] $C_6H_{11}O_5P$ Mw= 194.12	$ \begin{array}{c} \text{CH}_3 \\ \\ \text{CH}_2=\text{C} \\ \\ \text{C}=\text{O} \\ \\ \text{O}-\text{C}_2\text{H}_4-\text{PO}(\text{OH})_2 \end{array} $



SP-41-017	Acrylamide C2 Phosphonate ET [518991-74-7] $C_9H_{18}NO_4P$ Mw= 235.22	$CH_2=C \begin{matrix} H \\ \\ C-NH-C_2H_4-PO(OC_2H_5)_2 \\ \\ O \end{matrix}$
SP-41-018	AAPC1 Phosphonic Acid [87243-96-7] $C_4H_7O_5P$ Mw= 166.07	$CH_2=C \begin{matrix} H \\ \\ C-O-CH_2-PO(OH)_2 \\ \\ O \end{matrix}$
SP-41-019	MAPC3N ET [1980062-84-7] $C_{17}H_{35}NO_8P_2$ Mw= 443.41	$H_2C=C \begin{matrix} CH_3 \\ \\ C-O-C_3H_6-N \begin{matrix} CH_2-PO(OC_2H_5)_2 \\ CH_2-PO(OC_2H_5)_2 \end{matrix} \\ \\ O \end{matrix}$
SP-41-020	Maleic Acid Diethylphosphonate [Not Identified] $C_9H_{15}O_7P$ Mw= 266.19	$H \quad H \\ \quad \\ C=C \\ / \quad \backslash \\ O=C \quad C=O \\ \quad \\ OH \quad O-CH_2-PO(OC_2H_5)_2$
SP-41-021	Acrylamide C2 Phosphonic acid [518991-75-8] $C_5H_{10}NO_4P$ Mw= 179.11	$CH_2=CH-C(=O)-NH-CH_2-CH_2-PO(OH)_2$
SP-41-022	MAPC3 Acid [252210-30-3] $C_7H_{13}O_5P$ Mw= 208.15	$CH_2=C(CH_3)-C(=O)-O-CH_2-CH_2-CH_2-PO(OH)_2$
SP-41-023	MAPC2 ET [22432-84-4]	$CH_2=C(CH_3)-C(=O)-O-CH_2-CH_2-P(=O)(OCH_2CH_3)_2$



SP-41-024	MAPC11 ME [727415-30-7]	
SP-41-025	MAPC11 ET [727415-31-8]	
SP-41-026	MAP-C11 HEMIESTER ME [784139-89-5]	
SP-41-027	MAP-C11 ACID [1194231-98-5]	

□ SP-42-(METH)ACRYLATE - (METH)ACRYLAMIDE - ALCOXYSILANE

SP-42-001	n-[3-trimethoxysilyl]propyl acrylamide [57577-96-5]	
SP-42-002	n-[3-triethoxysilyl]propyl acrylamide [21198-92-3]	

□ SP-42-0-(METH)ACRYLATE - (METH)ACRYLAMIDE - URETHANE ALCOXYSILANE

SP-42-0-001	Acrylate C2 Propyl Urethane Triethoxysilane [109909-29-7]	
SP-42-0-002	Methacrylate C2 Propyl Urethane Triethoxysilane [115396-93-5]	



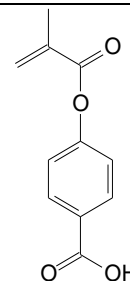
□ **SP-43-0-ALKYL/ARYL (METH)ACRYLATE - (METH)ACRYLAMIDE**





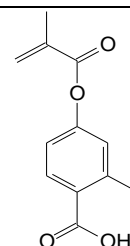
(4-CARBOXY)PHENYL
METHACRYLATE
[15721-10-5]
C₁₁H₁₀O₄
Mw=206.20

SP-43-0-006



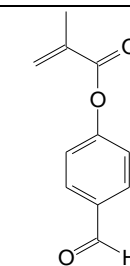
(4-CARBOXY-3-METHYL)PHENYL
METHACRYLATE
[Not Identified]
C₁₂H₁₂O₄
Mw=220.22

SP-43-0-007



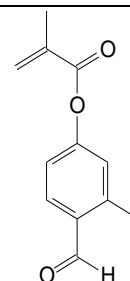
(4-FORMYL)PHENYL
METHACRYLATE
[36195-33-2]
C₁₁H₁₀O₃
Mw=190.20

SP-43-0-008



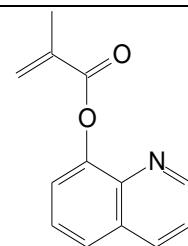
(4-FORMYL-3-METHYL)PHENYL
METHACRYLATE
[Not Identified]
C₁₂H₁₂O₃
Mw=204.23

SP-43-0-009

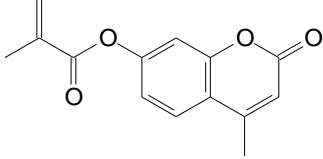
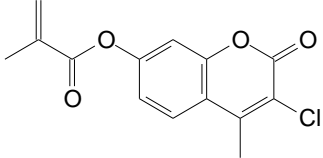
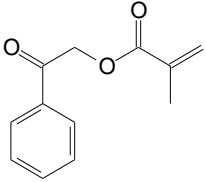
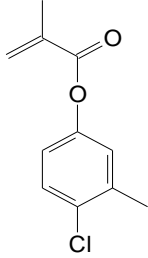
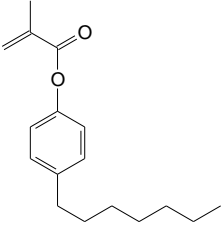
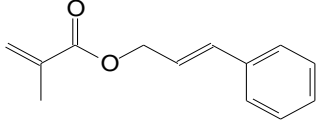


8-QUINOLINYL METHACRYLATE
[19352-51-3]
C₁₃H₁₁NO₂
Mw=213.24

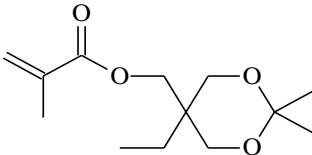
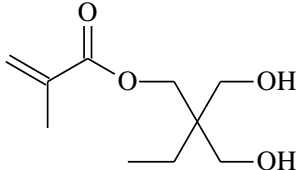
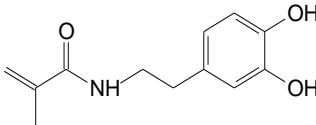
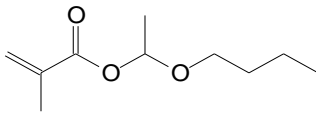
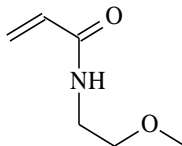
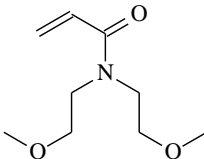
SP-43-0-010





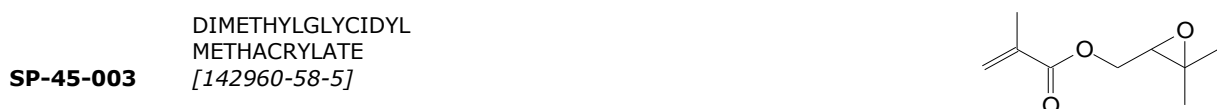
SP-43-0-011	(4-METHYL)COUMARIN-7-YL METHACRYLATE [64498-62-0] C ₁₄ H ₁₂ O ₄ Mw=244.25	
SP-43-0-012	(3-CHLORO-4-METHYL)COUMARIN-7-YL METHACRYLATE [Not Identified] C ₁₄ H ₁₁ ClO ₄ Mw=278.69	
SP-43-0-013	PHENACYL METHACRYLATE [91963-25-6] C ₁₂ H ₁₂ O ₃ Mw=204.23	
SP-43-0-014	(4-CHLORO-3-METHYL)PHENYL METHACRYLATE [110506-01-9] C ₁₁ H ₁₁ ClO ₂ Mw=210.66	
SP-43-0-015	(4-HEPTYL)PHENYL METHACRYLATE [Not Identified] C ₁₇ H ₂₄ O ₂ Mw=260.38	
SP-43-0-016	CINNAMYL METHACRYLATE [31736-34-2] C ₁₃ H ₁₄ O ₂ Mw=202.25	



SP-43-3-006	Acetonide Protected Tmp Methacrylate [66228-59-9]	
SP-43-3-007	Trimethylolpropane Monomethacrylate [7024-09-1]	
SP-43-3-008	DOPAMINE METHACRYLAMIDE [471915-89-6] C ₁₂ H ₁₅ NO ₃ Mw=221.26	
SP-43-3-009	4-BUTOXYETHYL METHACRYLATE [85997-75-7] C ₁₀ H ₁₈ O ₃ Mw=186.25	
SP-43-3-010	N-(2- METHOXYETHYL)ACRYLAMIDE [81666-02-6] C ₆ H ₁₁ NO ₂ Mw=129.16	
SP-43-3-011	N,N-BIS-(2- METHOXYETHYL)ACRYLAMIDE [125998-86-9] C ₉ H ₁₇ NO ₃ Mw=187.24	



□ **SP-45-EPOXY - (METH)ACRYLATE - (METH)ACRYLAMIDE**



□ **SP-46-ALLYL/VINYL - METHACRYLATE - METHACRYLAMIDE**





□ **SP-49-OTHER FUNCTIONAL ACRYLATE - METHACRYLATE**





SP-49-005	N-METHACRYLOXYSUCCINIMIDE NHS METHACRYLATE [38862-25-8] $C_8H_9NO_4$ Mw=183.16	
SP-49-006	PENTABROMOPHENOL ACRYLATE [52660-82-9] $C_9H_3O_2Br_5$ Mw=542.64	
SP-49-007	Tridecafluorooctyl Acrylate [17527-29-6] $C_{11}H_7F_{13}O_2$ Mw=418.15	
SP-49-009	METHACRYLATE UREA IMIDAZOLE [89743-58-8] $C_{10}H_{13}N_3O_3$ Mw=223.23	
SP-49-010	METHACRYLAMIDE PROPYL IMIDAZOLE [89743-58-8] $C_{10}H_{15}N_3O$ Mw=193.25	
SP-49-011	2-(METHACRYLOYLOXY)ETHYL 2,3,5-TRIIODOBENZOATE [161042-10-0] $C_{13}H_4O_4I_3$ Mw=611.94	
SP-49-012	TRIBROMOETHYLMETHACRYLATE [111762-68-6] $C_6H_7Br_3O_2$ Mw=350.83	
SP-49-013	PENTAERYTHRITOL TRIBROMIDE METHACRYLATE [24276-76-4] $C_9H_{13}Br_3O_2$ Mw=392.91	

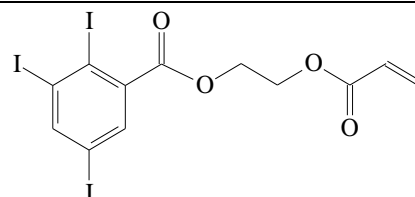


SP-49-014	BORONIC ACID ACRYLAMIDE [99349-68-5] $C_9H_{10}BNO_3$ $M_w=190.99$	
SP-49-015	[DIMETHYL-1,3,2-DIOXABORINAN-2- YL)OXY]ETHYL METHACRYLATE [86351-91-9] $C_{11}H_{19}BO_5$ $M_w=242.08$	
SP-49-016	TERPINEOL ACRYLATE [86219-63-8] $C_{13}H_{20}O_2$ $M_w=208.30$	
SP-49-017	2-(ACETHYLTHIO)ETHYLMETHACRYLATE (ACSEMA) [2001128-05-8] $C_8H_{12}O_3S$ $M_w=188.24$	
SP-49-018	TEMPO METHACRYLATE [15051-46-4] $C_{13}H_{22}NO_3$ $M_w=240.32$	
SP-49-019	THIOCYCLOCARBONATE METHACRYLATE [161196-23-2] $C_8H_{10}O_3S_2$ $M_w=218.29$	
SP-49-020	BROMOUNDECYL METHACRYLATE [33795-49-2] $C_{15}H_{27}BrO_2$ $M_w=319.28$	

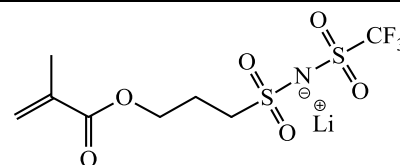


SP-49-021 3-(CHLOROSULFONYL)PROPYL
METHACRYLATE
[212580-45-5]
 $C_{15}H_{27}BrO_2$
Mw=319.28

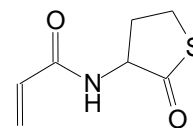
SP-49-022 2-(2,3,5-TRIIODOBENZOYLOXY)ETHYL
ACRYLATE AOETIB
[1357360-79-2]
 $C_{12}H_9I_3O_4$
Mw=597.91



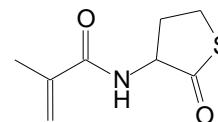
SP-49-023 MTFSiLi
[1426833-00-2]
 $C_8H_{11}F_3LiNO_6S_2$
Mw= 345.23



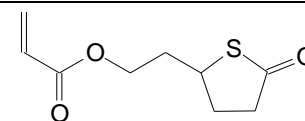
SP-49-024 DL-Homocysteine Thiolactone Acrylan
[75900-47-9]
 $C_7H_9NO_2S$
Mw=171.21



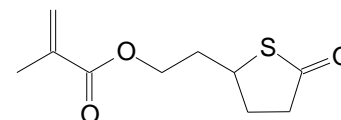
SP-49-025 DL-Homocysteine Thiolactone
Methacrylamide
[75912-16-2]
 $C_8H_{11}NO_2S$
Mw=185.24



SP-49-026 γ -Thiolactone Acrylate
 $C_9H_{12}O_3S$
Mw=200.25



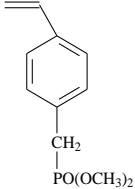
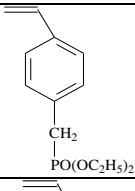
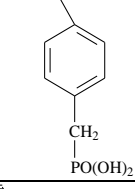
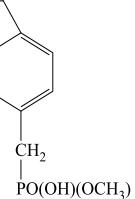
SP-49-027 γ -Thiolactone Methacrylate
 $C_{10}H_{14}O_3S$
Mw=214.28



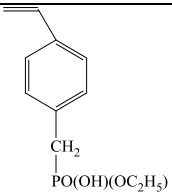
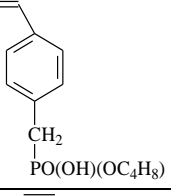
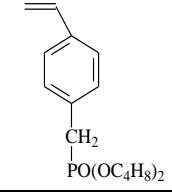


FUNCTIONAL STYRENE

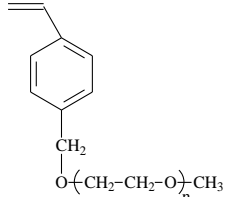
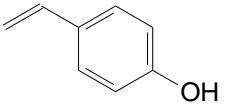
□ SP-51-PHOSPHONIC STYRENE

SP-51-001	Styrene Dimethylphosphonate [266356-24-5] $C_{11}H_{15}O_3P$ Mw= 226.21	
SP-51-002	Styrene Diethylphosphonate [726-61-4] $C_{13}H_{19}O_3P$ Mw= 254.26	
SP-51-003	Styrene Phosphonic Acid [53459-43-1] $C_9H_{11}O_3P$ Mw= 198.16	
SP-51-004	Styrene Methylphosphonic Acid [71303-24-7] $C_{10}H_{13}O_3P$ Mw= 212.19	



SP-51-005	Styrene Ethylphosphonic Acid [71303-22-5] C ₁₁ H ₁₅ O ₃ P Mw= 226.21	
SP-51-006	Styrene Butylphosphonic Acid [Not Identified] C ₁₃ H ₁₈ O ₃ P Mw= 253.26	
SP-51-007	Styrene Dibutylphosphonic Ester [762293-74-3] C ₁₇ H ₂₅ O ₃ P Mw= 308.36	

□ SP-53-STYRENE ALCOHOL-ETHER

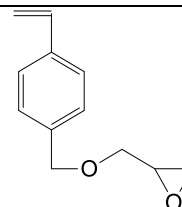
SP-53-001	Styrene PEG [7327-71-1] n on demand	
SP-53-002	4-Vinylphenol solution, 50%wt in Ethanol [2628-17-3]	



□ **SP-55-STYRENE EPOXY**

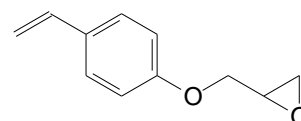
SP-55-001

Styrene Glycidyl Ether
[113538-80-0]



SP-55-002

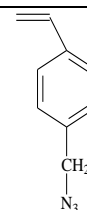
4-VINYLPHENYL GLYCIDYL
ETHER
[2653-39-6]



□ **SP-59- OTHER FUNCTIONAL STYRENE**

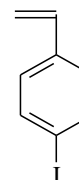
SP-59-001

Styrene Azide
[111965-73-2]
 $C_9H_9N_3$
Mw= 159.19



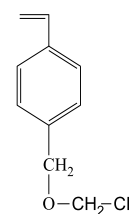
SP-59-002

p-Iodo Styrene
[2351-50-0]
 C_8H_7I
Mw= 230.05



SP-59-003

p-Trifluoroethoxy-methyl
Styrene
[96411-51-7]
 $C_{11}H_{11}F_3O$
Mw= 216.20



SP-59-004

Not Available



SP-59-005 Styrene Imidazole
 [78430-91-8]
 $C_{12}H_{12}N_2$
 Mw= 184.24



SP-59-006 Styrene Carbonate
 [1402161-80-1]
 $C_{13}H_{14}O_4$
 Mw= 234.25



SP-59-007 2-(tert-butylamino)
 methystyrene (TBAMS)
 [143673-98-7]
 $C_{13}H_{19}N$
 Mw= 189.30

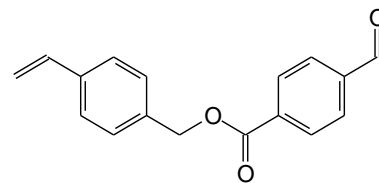


SP-59-008 4-VINYLPHENYL
 CYCLOCARBONATE
 [1620487-10-6]
 $C_{13}H_{19}N$
 Mw= 220.22

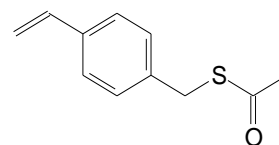




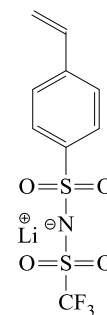
SP-59-009
 4-VINYLBENZYL 4-FORMYLBENZOATE
 [Not Identified]
 $C_{17}H_{14}O_3$
 Mw= 266.30



SP-59-010
 S-(4-VINYLBENZYL)THIOACETATE
 [67030-86-8]
 $C_{11}H_{12}OS$
 Mw= 192.28



SP-59-011
 STFSiLi
 [210226-98-5]
 $C_9H_7F_3LiNO_4S_2$
 Mw= 321.21





VINYL / ALLYL MONOMERS

□ SP-60- VINYL/ALLYL CARBOXYLIC/ESTER/CARBONATE

SP-60-001	Allyl Glycerol carbonate [826-29-9] $C_7H_{10}O_4$ Mw= 158.15	
SP-60-002	Allyl Amino Maleic Acid [42829-13-0] $C_7H_9NO_3$ Mw= 155.15	$H_2C=CH-CH_2-NH-C(=O)-CH=CH-C(=O)-OH$
SP-60-003	Methoxy Maleic Acid [44836-34-2] $C_5H_6O_4$ Mw= 130.10	$CH_3-O-C(=O)-CH=CH-C(=O)-OH$
SP-60-004	Allyloxy ME-ET Cyclocarbonate C6 [3536-64-9] $C_{10}H_{16}O_4$ Mw= 200.23	
SP-60-005	Diallyl Adipate [2998-04-1] $C_{12}H_{18}O_4$ Mw= 226.27	$CH_2=CH-CH_2-O-C(=O)-CH_2-CH_2-CH_2-CH_2-C(=O)-O-CH_2-CH=CH_2$
SP-60-006	Furfuryl Cyclocarbonate Ether [1782127-98-3] $C_9H_{10}O_5$ Mw= 198.18	
SP-60-007	Diallyl Oxalate [615-99-6] $C_8H_{10}O_4$ Mw= 170.17	



□ **SP-60-0- FLUORO ALLYL/VINYL/(METH)ACRYL**

SP-60-0-001	Bis Allyloxy Dodecafluorooctane [1516879-69-8] C ₁₄ H ₁₄ F ₁₂ O ₂ Mw= 442.24	$\text{CH}_2=\text{CH}-\text{CH}_2-\text{O}-\text{CH}_2-\text{C}_6\text{F}_{12}-\text{CH}_2-\text{O}-\text{CH}_2-\text{CH}=\text{CH}_2$
SP-60-0-002	Bis Acrylate Dodecafluorooctane [127194-99-4] C ₁₄ H ₁₀ F ₁₂ O ₄ Mw= 470.21	$\text{CH}_2=\text{CH}-\underset{\text{O}}{\parallel}{\text{C}}-\text{O}-\text{CH}_2-\text{C}_6\text{F}_{12}-\text{CH}_2-\text{O}-\underset{\text{O}}{\parallel}{\text{C}}-\text{CH}=\text{CH}_2$
SP-60-0-003	Allyloxy Tridecafluorooctane [103628-86-0] C ₁₁ H ₉ F ₁₃ O Mw= 404.17	$\text{C}_6\text{F}_{13}-\text{C}_2\text{H}_4-\text{O}-\text{CH}_2-\text{CH}=\text{CH}_2$

□ **SP-60-4- FLUORO ALLYL AMINE**

SP-60-4-001	Fluoro C6 Diallyl Amine [1980063-95-3] C ₁₄ H ₁₄ F ₁₃ N Mw= 443.25	$\begin{array}{c} \text{CH}_2-\text{CH}=\text{CH}_2 \\ \\ \text{C}_6\text{F}_{13}-\text{C}_2\text{H}_4-\text{N} \\ \\ \text{CH}_2-\text{CH}=\text{CH}_2 \end{array}$
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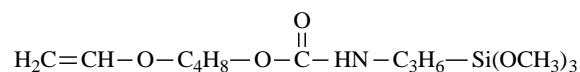
□ **SP-61- VINYL/ALLYL PHOSPHONIC**

SP-61-001	Dimethyl Allylphosphonate [757-54-0] C ₅ H ₁₁ O ₃ P Mw= 150.11	$\text{CH}_2=\text{CH}-\text{CH}_2-\text{PO}(\text{OCH}_3)_2$
SP-61-002	Diethyl Allylphosphonate [1067-87-4] C ₇ H ₁₅ O ₃ P Mw= 178.17	$\text{CH}_2=\text{CH}-\text{CH}_2-\text{PO}(\text{OC}_2\text{H}_5)_2$
SP-61-003	Undecenyl Phosphonic Acid [867258-92-2] C ₁₁ H ₂₃ O ₃ P Mw= 234.27	$\text{CH}_2=\text{CH}-[\text{CH}_2]_9\text{PO}(\text{OH})_2$
SP-61-004	Undececeny Diethyl Phosphonate [156125-40-5] C ₁₅ H ₃₁ O ₃ P Mw= 290.38	$\text{CH}_2=\text{CH}-[\text{CH}_2]_9\text{PO}(\text{OC}_2\text{H}_5)_2$
SP-61-005	Undececeny Dimethyl Phosphonate [52007-75-7] C ₁₃ H ₂₇ O ₃ P Mw= 262.33	$\text{CH}_2=\text{CH}-[\text{CH}_2]_9\text{PO}(\text{OCH}_3)_2$
SP-61-006	Allyl Phosphonic Acid [6833-67-6] C ₃ H ₇ O ₃ P Mw= 122.06	$\text{CH}_2=\text{CH}-\text{CH}_2-\text{PO}(\text{OH})_2$
SP-61-007	Ethyl Vinyl Ether Diethylphosphonate [2328-51-0] C ₈ H ₁₇ O ₄ P Mw= 208.19	$\text{CH}_2=\text{CH}-\text{O}-\text{C}_2\text{H}_4-\text{PO}(\text{OC}_2\text{H}_5)_2$

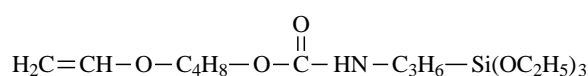


□ **SP-62-0 VINYL/ALLYL ALCOXYSILANE**

SP-62-0-001 Vinyl ether c4 propyl
urethane
trimethoxysilane
[Not Registred]

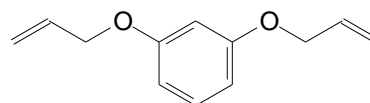


SP-62-0-002 Vinyl ether c4 propyl
urethane
triethoxysilane
[Not Registred]



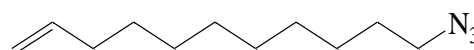
□ **SP-63- VINYL/ALLYL ARYL**

SP-63-001 Resorcinol bis Allyl
[13594-95-1]
 $\text{C}_{12}\text{H}_{14}\text{O}_2$
Mw = 190.24



□ **SP-69- VINYL/ALLYL AZIDE**

SP-69-001 Undecenyl Azide
[192070-90-9]
 $\text{C}_{11}\text{H}_{21}\text{N}_3$
Mw = 195.31





VARIOUS FUNCTIONAL BUILDING BLOCKS

□ SP-99- THIOLACTONE MALEIMIDE

SP-99-001 γ -Thiolactone maleimide
[Not Identified]
 $C_8H_7NO_3S$
Mw= 197.21

