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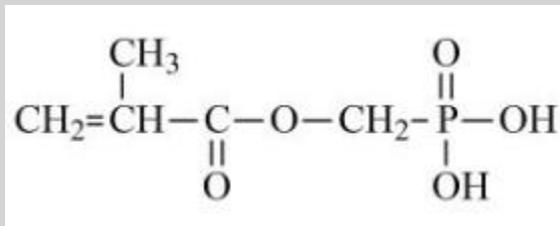


HIGHLIGHTED R&D PRODUCTS

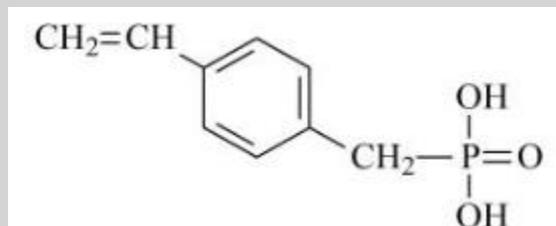
SPECIFIC POLYMERS is R&D service provider and scale up producer in the field of functional monomers & polymers with high specificity. Thanks to our internal R&D programs, we can offer breakthrough innovations to our customers and enlarge our catalog of functional (macro)monomers. Among the 10 000-functional building-blocks, monomers and polymers developed in 14 Years, a few of them have shown a great interest in many fields of application. Please find below our Highlighted R&D Products.

PHOSPHONIC ACID MONOMERS

Our phosphonated monomers can be bisphosphonic acids, monophosphonic acids or bisphosphonated esters and have interest for metal adhesion and anticorrosive coatings, encapsulation of metallic oxide particles or sorption of contaminants.



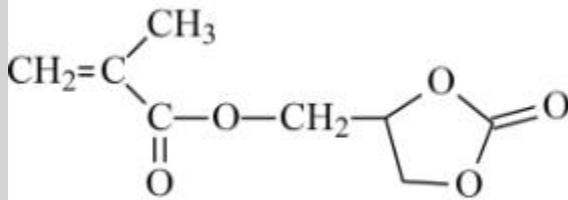
SP-41-007
MAPC1 Acid



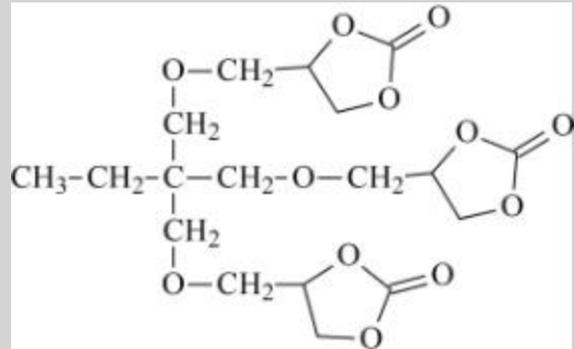
SP-51-003
Styrene Phosphonic Acid

CYCLOCARBONATES

A wide range of cyclocarbonate monomers and building-blocks have been developed by SPECIFIC POLYMERS and have shown interest for isocyanate-free polyurethane materials.



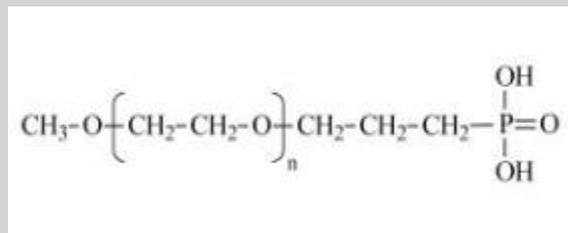
SP-40-001
Glycerol Carbonate Methacrylate



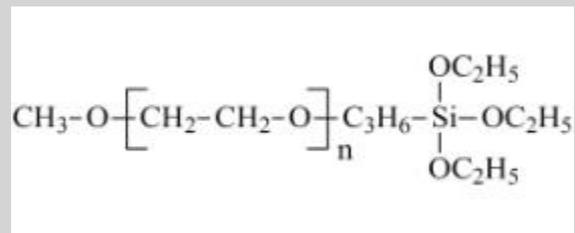
SP-3-00-003
TMP Tricyclocarbonate

FUNCTIONAL POLYETHERS

Polyethers and more precisely polyethylene glycol and polypropylene glycol are used in very different field of applications like Medical Imaging, Cosmetics, Surface coatings, Hybrid sol-gels, etc.. Phosphonic acid and Alcoxysilane functionality allow grafting these polymeric chains onto inorganic surfaces or particles.



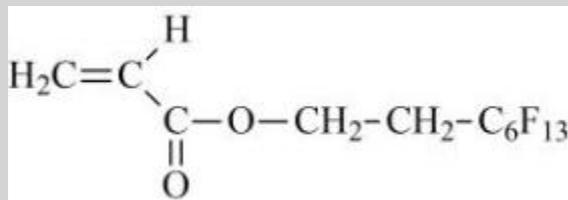
SP-1P-1-001
PEO Phosphonic Acid



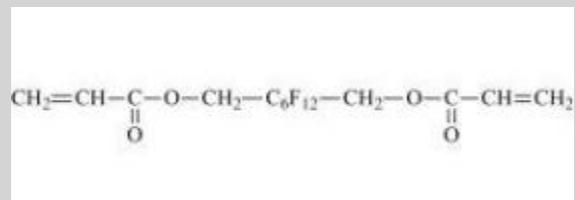
SP-1P-2-001
PEO Triethoxysilane

FLUORINATED MONOMERS

Fluorinated acrylate monomers have been used in the development of hydrophobic, oleophobic and Low-RI coatings prepared by UV photopolymerization in optoelectronic applications.



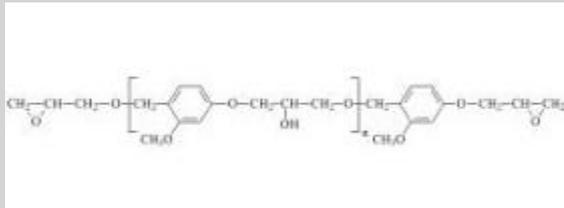
SP-49-007
Tridecafluorooctyl acrylate



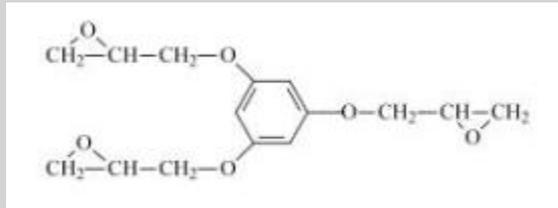
SP-60-0-002
Bis Acrylate Dodecafluorooctane

GREEN CHEMISTRY

Green chemistry is a fundamental aspect of SPECIFIC POLYMERS researches and many projects are ongoing to find innovative alternatives to Bisphenol-A or Formophenolic resins based materials. Following Biobased epoxy are very promising to substitute DGEBA in epoxy resins.



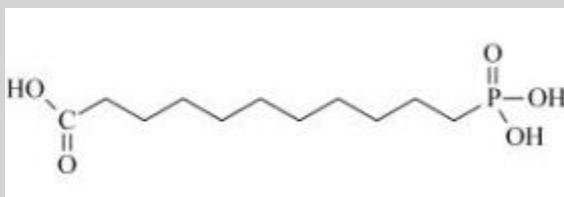
SP-9S-5-005
DGEVA - Vanillin Bis Epoxy



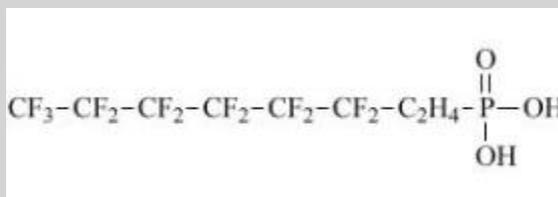
SP-9S-5-003
Phloroglucinol Tris Epoxy

HETEROBIFUNCTIONAL BUILDING-BLOCKS

SP-3-10-003 have shown interest as linkers between peptides and metallic oxide in the biomedical fields. SP-01-001 exhibited outstanding properties of hydrophobation of Titane based ceramics.



SP-3-10-003
Carboxyl C11 Phosphonic acid



SP-01-001
Fluorophosphonic Acid C6

LOOKING FOR MORE BUILDING BLOCKS, MONOMERS OR POLYMERS FOR YOUR SPECIFIC APPLICATION?

DO NOT HESITATE TO CONTACT US

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