



SPECIFIC POLYMERS

POLYMERS | MONOMERS | BUILDING-BLOCKS

R&D PRODUCTS PORTFOLIO

Sustainable Polyol



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SPECIFIC POLYMERS OVERVIEW

SPECIFIC POLYMERS (2003, Castries - FRANCE) is a SME acting as R&D services' provider in the field of functional monomers, polymers, coatings and materials with enhanced performances. For many years, major industrial groups and academic laboratories worldwide have relied on our technical skills to validate proof-of-concepts. The company's main purpose is to fill the gap between academic and industrial researches through our complete offer of R&D products and services. As a design office, our strength lies in the diversity of our knowledge, activities and application fields which contribute to our capacity to provide crossfertilization and breakthrough innovations.

Since its inception, SPECIFIC POLYMERS has already designed more than 10 000 innovative molecules for over 500 customers and partners in more than 50 countries. The products and programs developed are used for a very wide range of applications such as surface finishing (glass, metal, metal oxides, nanoparticles, plastics), construction industry, aeronautic, automotive (paint, pneumatics, sealant, gaskets), pharmaceutical industry, cosmetics, optoelectronic, optic, water treatment, metal extraction or energy (fuel cells, solar cells or lithium batteries).

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In spite of all efforts deployed by SPECIFIC POLYMERS, we cannot guarantee that the information on this portfolio is up-to-date, correct and complete. In case of doubt, don't hesitate to contact us for more information.

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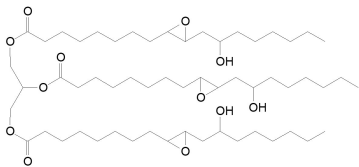
BUILDING BLOCKS & MONOMERS PORTFOLIO

SP-3-ALKYL CHEMICALS

SP-3S-30-SUSTAINABLE POLYOLS

BUILDING BLOCKS & MONOMERS PORTFOLIO

SP-3S-30-SUSTAINABLE POLYOLS

<p>Reference: SP-3S-30-005</p>	<p>Product Name: Epoxidized castor oil</p> <p>CAS Number: 105839-17-6</p> <p>Physical Aspect: Wax to viscous liquid - Colorless to light yellow</p> <p>Mw: N/D</p> <p>Batch size: 25g ; 50g ; 100g ; Bulk on demand</p> <p>For further information, access the product page here ></p>	 <p>The image shows the chemical structure of epoxidized castor oil, which is a triglyceride. It consists of three fatty acid chains attached to a glycerol backbone. The top and bottom chains are fully saturated (stearic acid), while the middle chain is an unsaturated fatty acid (oleic acid) that has been epoxidized, forming a three-membered epoxide ring. The oleic chain also features two hydroxyl (-OH) groups on its side chain.</p>
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