

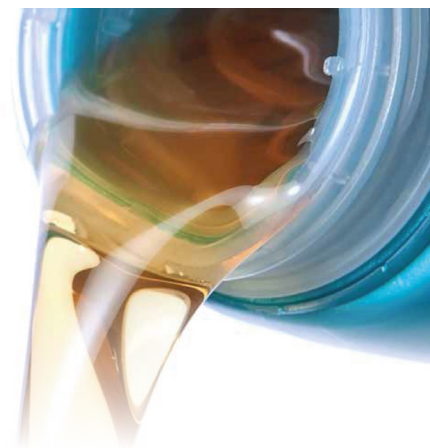


Resins  
UPR & VE  
Americas



# POLYNT GROUP

Global leader  
for thermoset composites



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## Production Sites



**Polynt Composites Canada, Inc.**  
Brampton (ON) - Drummondville (QC)

**Polynt Composites USA Inc.**  
Carpentersville (IL) - Chatham (VA) -  
Ennis (TX) - Forest Park (GA) - Houston (TX)  
- Marshall (TX) - North Kansas City (MO)  
- Orlando (FL) - Sandusky (OH)



# Polynt Group

After the merger with Reichhold on May 2017 the new Polynt Group is a global Company in the Intermediates, Coating and Composite Resins, Thermoset Compounds, Gel-coats and niche Specialties.

This combination enhances the Group's leading position as a global vertically integrated specialty chemicals player, with significant global presence in Europe, North America and Asia, a strategy initiated by Polynt with the successful integration of PCCR and CCP in the last years and now further reinforced by Reichhold's global scale, extensive product portfolio and R&D competencies.

Polynt Group is known for its superior quality and impressive range of products and with its excellent distribution network it can provide first-class service to customers whatever their market. Customer Service and Technical Service teams are renowned for their customer focus, offering the best service even after products have left manufacturing.

The Group strives to keep customers satisfied, assisting them in producing premium quality products every time they use its products.

Product innovation is important for the Group's business and it's the reason for which it constantly works with customers to find solutions to problems.

Introducing new or improved products ensures that Polynt Group continue not only to deliver what the market wants and needs, but also when it is wanted and needed.

## What are Resins?

Polynt Group is one of the leading European companies in the production and sale of [Unsaturated Polyester \(UP\)](#) and [Vinyl ester \(VE\)](#) resins.

Due to the continuous innovation of composite materials, filled and reinforced, more specific and better performing products are required.

UP and VE thermosetting resins are available in a wide range of grades (neutral, pre-accelerated, thixotropic, low-styrene content LSC, low-styrene emission LSE, etc.) suitable to meet all the needs of the composite industry and its high diversification.

Polynt Group products find application in major industrial sectors such as:

- [Transportation](#) (automotive, railway, truck, vans, recreational vehicles, sandwich panels for refrigerated lorries, etc)
- [Building & Construction](#) (marble agglomerates and engineered stone, flat and corrugated sheets, pipes, tanks, CIPP (Cured-In-Place-Pipe), profiles, sanitary, polymer concrete, putties, mastics, abrasives...)
- [Electrical & Energy](#) (Windmill blades, nacelles, Electrical components, Insulators...)
- [Marine](#) (yachts, ferries, motor and sail boats, catamarans, canoas...)
- [Sport & Leisure](#) (swimming pools, helmets, surfboards, buttons, sport equipment...).

The portfolio also includes a series of UP resins for 'food contact applications' that fulfil the relevant [EC Regulations](#), including N° 10/2011 on plastic materials and articles intended to come in contact with food (*Plastics Implementing Measure – PIM*).

UP and VE resins have been optimized to be processed using various [application technologies](#) such as hand lay-up, spray-up, casting, pultrusion, filament winding, SMC/BMC, infusion, injection, RTM, etc.

The broad polymer chemistry knowledge of our R&D and Technical Service departments enables us to develop [tailor-made products](#) to meet the specific needs of each individual user.

Whatever your composite needs, we have the resin system and expertise to meet your application requirements.



# Unsaturated Polyester (UP) Resins

Polynt Composites USA Inc. is a leading producer of Unsaturated Polyester Resins and Epoxy Vinyl Ester Resins.

Polynt's UPR composite resin product line is comprised of these chemistries:

- DCPD - Popular choice for automotive and marine applications requiring smooth surfaces and lower VOC's
- Halogenated - Fire-retardant resins requiring enhanced fire, smoke and toxicity properties
- Isophthalic - Ideal for corrosion-resistant applications
- Orthophthalic - Cost-effective workhorse resins tailored to customer requirements
- Terephthalic - High temperature performance resins used for storage tank applications

Polynt offers a variety of low styrene, suppressed, and low VOC solutions for fabricators to control emissions. Our Low Styrene Resins are designed to be MACT and SCAQMD compliant while maintaining excellent process capabilities and finished mechanical properties. Polynt can also customize low to no VOC formulas to meet specific customer needs.

Polynt's Low Styrene Resins can be used for:

- Marine and pool
- Architectural
- Transportation
- Piping and tanks
- Tub and shower
- General purpose open molding



## Vinyl Ester Resins

Polynt's Vinyl Ester resin product line delivers superior mechanical properties, high heat deflection temperatures, resistance to corrosion from a wide range of chemicals, and serves resin markets for conventional, fire-retardant, toughened vinyl ester, and our newly developed CSRVE Technology.

Polynt's Vinyl Ester Base Resins and Vinyl Ester Resin Blends are premium grade thermosetting resins designed for a wide variety of processes and applications. Their outstanding mechanical properties make them ideal for applications that require excellent toughness and fatigue resistance, and they deliver superior performance in corrosion and blister resistance.

Polynt's VE Base Resins and VE Resin Blends:

- Can be modified to customer requirements when shipped in bulk
- Can be formulated for low and no VOC
- Are used in laminating and closed molding applications
- Offer exceptional cosmetics (low fiber print)







## COMPANY ADDRESSES

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An abstract graphic of a molecular structure composed of translucent blue spheres of varying sizes connected by thin, glowing blue lines. The spheres have internal patterns resembling cell membranes or complex molecules. The background is a soft, out-of-focus blue gradient.

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