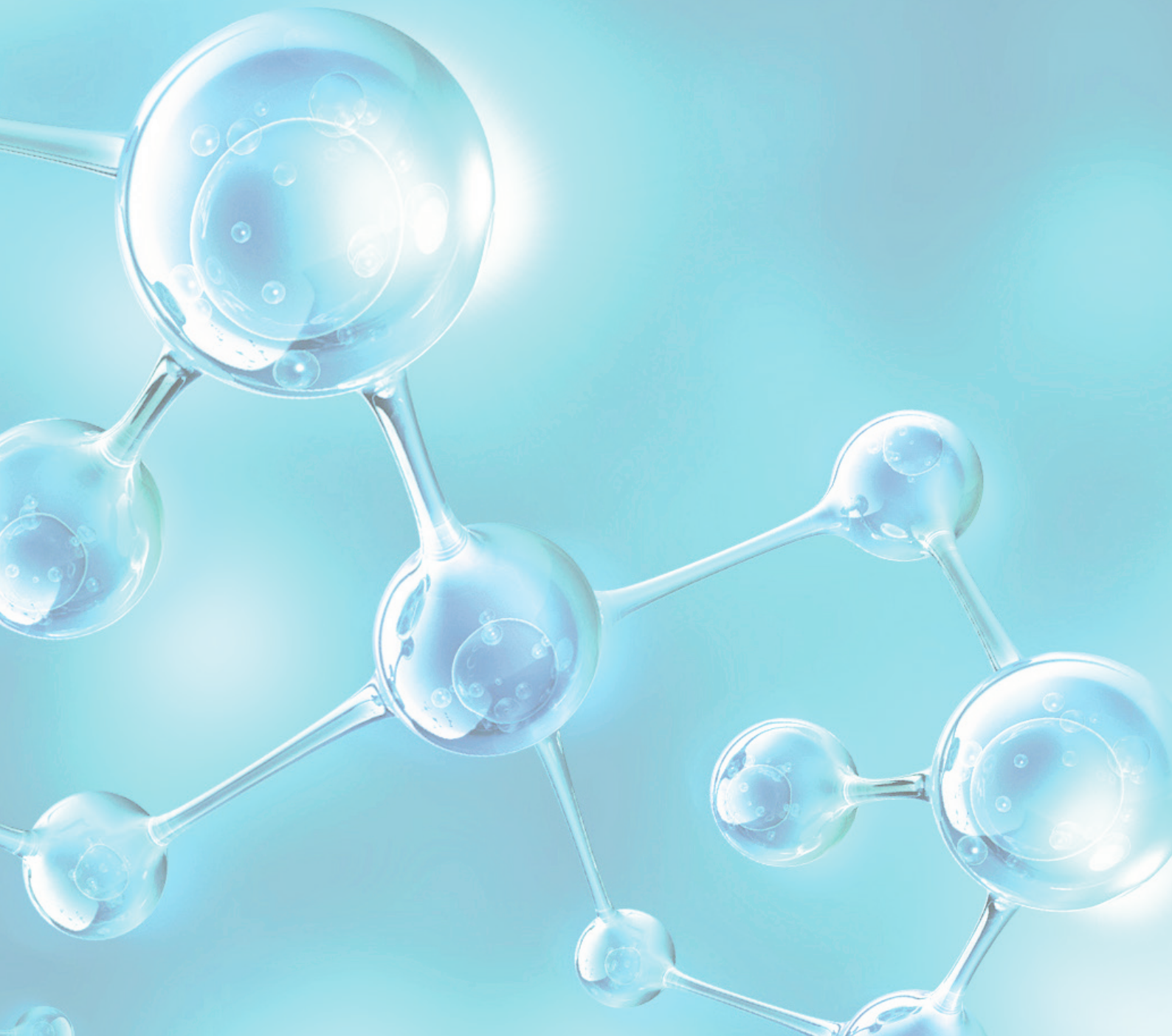




Gel Coats Asia Pacific



POLYNT REICHHOLD GROUP

The World's leading Gel Coat producer

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Production Sites



ASIA PACIFIC

Polynt Composites Korea Co., Ltd.

Polynt Composites Malaysia Sdn. Bhd. (936604-P)

Reichhold Polymers (Tianjin) Ltd.

Reichhold India Pvt Ltd.

Polynt Reichhold Group

After the merger on May 2017 the new Polynt-Reichhold 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-Reichhold 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-Reichhold Group continue not only to deliver what the market wants and needs, but also when it is wanted and needed.

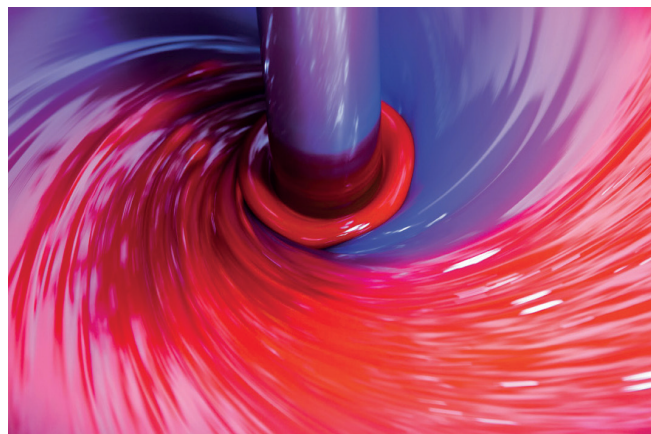
What are Gel Coats?

Gel Coats are a **versatile and durable primary layer** used in the production of composite parts.

The majority of Gel Coats are applied as in-mold coatings, used in the first step in composites part production. In-mold Gel Coats protect the mold from abrasion and chemical attack during the remainder of the production process and provide a releasable coating to aid in de-molding operations.

Gel Coats are often the exterior coating for composite parts, providing both the colour and texture of the part. They can range in appearance from clear shades that allow visibility of subsequent layers, to pigmented coats that can be matched to an infinite array of colours. They also protect the parts from weathering, moisture and chemical exposure.

In particular for the Asia Pacific Areas, POLYCOR® is the most complete Gel Coats and Top Coats product line for the composite industry and its excellent quality is recognized by users worldwide.



Blending of Gel Coat

Asia Pacific - Korea

Benefiting from its modern production facility, Polynt Composites Korea is able to satisfy both domestic and Asian markets. Taking advantage of its technology, Polynt Composites Korea has been producing and providing POLYCOR® since 2000 and started launching the ARMORCOTE®.

It produces both Ortho-type and Iso-type, vinyl ester type, general-purpose products and specially functional products.

The most appreciated POLYCOR®'s benefits by the Asian market include:

- High quality coatings developed for the fiberglass industry
- Good chemical/water resistance, gloss retention, weatherability and resiliency
- Colour match service on demand
- Ease of use in application

ARMORCOTE® represents the absolute benchmark in UV resistance, exhibiting a deep and rich long term colour, and it shows an excellent weather resistance.

<i>APPLICATIONS</i>	<i>PRODUCT FAMILY NAME</i>
Automotive	ARMORCOTE®, POLYCOR®
Barrier Coat	GPLY9901-281 (Black), GPLY9901-181 (White)
Boats	ARMORCOTE®, POLYCOR®, ArmorFlex®
Clear Gel Coat for Onyx	STYPOL®
Fire Retardant	POLYCOR® M1, POLYCOR® 2335PA
FRP molding	POLYCOR®, TG-165, TG-703
Marble	ARMORCOTE®, POLYCOR®, TH-350
Marine	ARMORCOTE®, POLYCOR®
Mold	VUP-935, POLYCOR® 945
Sanitary	ARMORCOTE®, POLYCOR®, TH-350
Tanks	POLYCOR®, TG-165, TG-703
Tie Cote	GPLY9901-2T1

For further information please contact us

Korean Premium Gel Coats - ARMORCOTE®

Excellent UV durability

- Excellent Gloss retention
- Reduced yellowing
- High colour stability
- Reduced chalking

Good water resistance

- Low water absorption
- High blister resistance

Improved flexibility

- Reduced stress cracking
- More resilient surface



Asia Pacific - Malaysia

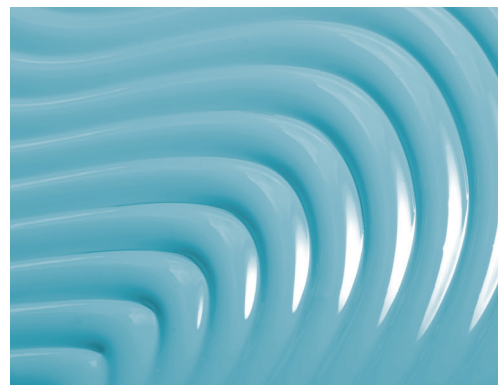
Polynt Composites Malaysia is able to supply well recognized quality performance Gel Coats throughout South East Asia market. The prompt goods delivery services and the closer technical service support strengthen our position in this region.

Polynt Composites Malaysia manufactures both orthophthalic and Isophthalic POLYCOR®.

The most appreciated POLYCOR®'s benefits by the Southeast Asian market include:

- Pre-accelerated, unpigmented, thixotropic Isophthalic modified gelcoat
- High thixotropic properties enable it to be used on vertical or inclined surface without drainage
- Suitable for addition of color paste without experiencing the drop in thixotropic
- Good working properties and short over lamination time
- Good weather and excellent water resistance.

Blending of Gel Coat



<i>APPLICATIONS</i>	<i>PRODUCT FAMILY NAME</i>
Automotive	POLYCOR® GP-H(S), POLYCOR® GS-H(S)
Furniture	POLYCOR® GP-H(S), POLYCOR® GS-H(S)
Marine	POLYCOR® GP-H(S), POLYCOR® GS-H(S)

For further information please contact us

Please note: Technical application: hand layup and spray up application.

Neutral Colour (cloudy pink) for excellent colour stability.

Good filler and pigment wettability.

Asia Pacific - China

Polynt Reichhold China is able to supply well recognized quality performance Gel Coats throughout Chinese market. The prompt goods delivery services and the closer technical service support strengthen our position in this region.

Polynt Reichhold China manufactures ISO-NPG, VE and non-SM gelcoat. The most appreciated NORPOL® SVG benefits by the Chinese market include:

- Pre-accelerated, thixotropic ISO-NPG gelcoat
- Good working properties and short over lamination time
- Good weather and excellent water resistance
- Good colour stability and durable gloss
- Low VOC emission; volatile content of appx.30 wt%; reduced evaporation of volatile components during application.

<i>APPLICATIONS</i>	<i>PRODUCT FAMILY NAME</i>
Wind, Transportation	NORPOL® SVG, NORPOL® ULG
Marine & Sanitary	POLYCOR® 5401
Tooling	NORPOL® GM

For further information please contact us

Please note - Technical application: hand layup and spray up.



Asia Pacific - India

Polynt Reichhold India can provide you with NORPOL Gel Coats with an almost unlimited colour range and with special surface aesthetics, while offering a tailored protection level depending on the performance requirements and cost constraints you need, including i.e. weathering and scratching resistance, colour and gloss retention.

Polynt Reichhold India produces different types of Gel Coats, ranging from ISO-NPG, ISO, Ortho, Vinyl ester & specially designed FR, pigmented, non- pigmented, spray or hand-lay-up.

<i>APPLICATIONS</i>	<i>PRODUCT FAMILY NAME</i>
Wind components nacelle cone & covers	NORPOL® GS 12003 H E, NORPOL® NGA12003 H E, NORPOL® GS (C) H IT27
Marine	NORPOL® NGA
Tooling	NORPOL® GM
Barrier Coat	NORPOL® VBC
General purpose	NORPOL® GO2 101 H IX3, NORPOL® GD 12006 S, NORPOL® GD 12007 H E, NORPOL® GD 12008 H E
FR Gel Coat	NORPOL® GO2 (C) S IX2, NORPOL® GD 11119 S EX3, NORPOL® GD 10133 H EX3, NORPOL® GD 11075 SE X3, NORPOL® NGA 20000 HIX3

For further information please contact us



On the left

Slides in water park using ISO/NPG gel coat and Isophthalic resin.

On the right

Nacelle cone by infusion process with Isophthalic resin.

COMPANY ADDRESSES

ASIA & OCEANIA

CHINA

Reichhold Polymers (TianJin) Ltd.

No 28, Bi Bo Street, Han Gu Modern
Industry Park, TEDA, Tianjin, 300480
P.R.China

Phone: +86 22 27389081

Fax: +86 22 27389082

email: contact@polynt.com

KOREA

Polynt Composites Korea Co., Ltd.

51, Wanju Sandan 4-ro, Bongdong-eup
Wanju-gun - Jeollabuk-do, 55321
Korea

Phone: +82 63 260 2114

Fax: +82 63 261 6431

email: contact.KR@polynt.com

MALAYSIA

**Polynt Composites Malaysia Sdn.
Bhd.**

PLO 45, Jalan Nibong 1,
Tanjung Langsat Industrial Complex
81700 Pasir Gudang, Johor - Malaysia
Phone: + 607 2578022/23

Fax: + 607 257 8199

email: contact.MY@polynt.com

INDIA

Reichhold India Pvt. Ltd.

F-38, MIDC Ranjangaon Industrial Area,
Taluka, Shirur, Dist: Pune 412220

Maharashtra - India

Phone +91 21 38675001

email: contact@polynt.com

This brochure is intended to provide a comprehensive list of the products and services available from all business sectors in which are active the companies and/or corporations controlled, directly or indirectly, by Specialty Chemicals International Ltd (hereinafter referred to as «Polynt Reichhold Group»). The information, recommendations, answers and/or opinions contained herein (which must be intended only for explanatory purposes) are aimed to assist customers on the basis of our technical and scientific knowledge as of today, taking into account that our products are intended for sale to industrial and commercial customers. However we require customers to inspect and test our products before use and to satisfy themselves as to contents and suitability for their applications: nothing herein shall constitute or shall be deemed to be any other warranty or a representation, express or implied, including merchantability or fitness for a particular purpose or results to be obtained from the use of such information, nor shall be taken or construed as infringing of any existing patents. Product names in capital letters are registered trademarks of the relevant member of Polynt Reichhold Group. © Polynt S.p.A. - August 2019

An abstract graphic of a molecular structure composed of translucent blue spheres of varying sizes connected by thin, curved lines. The spheres have internal patterns resembling cell membranes or complex molecules. The background is a gradient of light blue and white.

Polynt Composites USA Inc.
99 East Cottage Avenue
Carpentersville, IL 60110
United States
Phone: +1 800 322 8103
email: contact.US@polynt.com
www.polynt.com

Polynt S.p.A.
Via Enrico Fermi, 51
24020 Scanzorosciate (BG)
Italy
Phone: +39 035 652 111
email: contact.IT@polynt.com
www.polynt.com

