



Creatively connecting knowledge and application

Norpol® SVG Gelcoats

The New Low-VOC Gelcoat Series

Combining Performance and Processing
Robustness

REICHHOLD

A DIC GROUP COMPANY

NORPOL® SVG Gelcoat

Are you looking for help to reduce VOC emissions in your manufacturing operation?

You are not alone. Changing European regulations are driving the need to have a closer look at the processes and materials that you being used. Also, many companies are trying to further improve working conditions.

Many of our customers have made the decision to introduce closed-mould processes, and have expressed the desire to work with low-VOC raw materials. As the application of gelcoat can be expected to remain an open mould process for the foreseeable future, a low-VOC gelcoat will be required.



Your Solution: NORPOL® SVG Gelcoats

- Allowing for a significant reduction in emission of volatiles
- Excellent protection from weathering: retention of gloss / colour
- Excellent mechanical properties
- Improved surface aesthetics
- Easy to apply: processing robustness enables high quality manufacturing under different external temperatures
- Applications include sanitary components, boats, car bodywork, cladding panels, etc.

Approved by Lloyds and Det Norske Veritas (DnV) for boat building

The information herein is to help customers determine whether this product is suitable for their applications. Our products are intended for sale to industrial and commercial customers. We request that customers inspect and test our products before using them to satisfy themselves as to contents and suitability. We warrant that our products will meet our written specifications. Nothing herein shall constitute any other warranty express or implied, including any warranty of merchantability or fitness for a particular purpose, nor is protection from any law or patent to be inferred. All patent rights are reserved. The exclusive remedy for all proven claims is replacement of our materials, and in no event shall we be liable for special, incidental, or consequential damages.

Low-VOC and Processing Robustness

Low-VOC content and low VOC emission

- Spray product (in white colour) contains 30% volatiles, brush product 25%
- Styrene evaporation reduced by half vs. traditional gelcoats
- Monomer is styrene, no additional monomers / solvents

Good film flexibility ensures resistance to micro-cracking

Excellent application properties

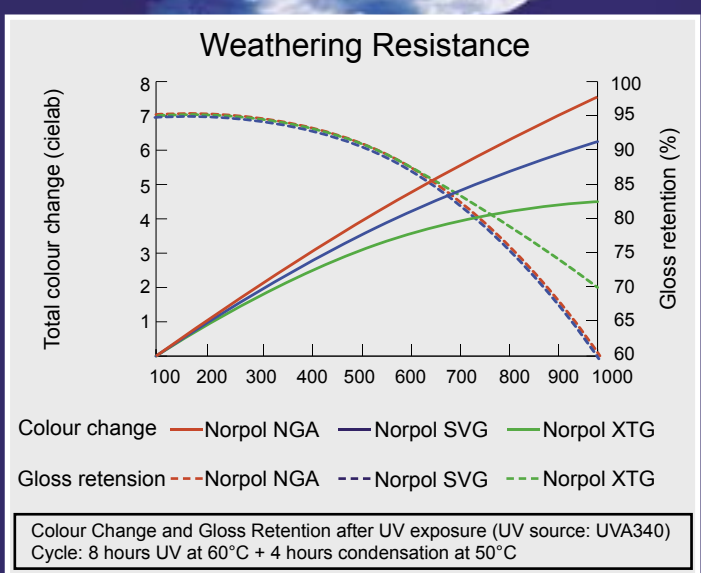
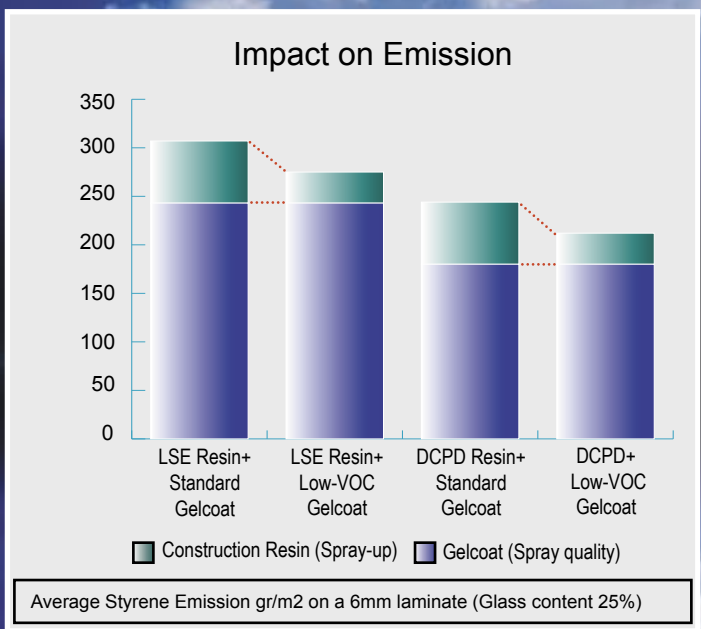
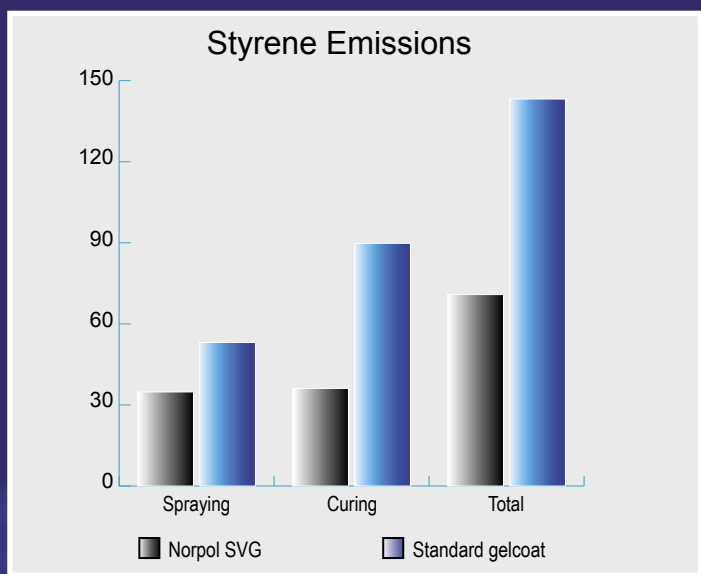
- Easy flow, air release, and curing
- Application in broad temperature range

Improved weathering resistance over NORPOL® NGA Gelcoats

- Better colour retention compared to conventional ISO / NPG gelcoat
- While gloss retention is comparable

Based on premium ISO / NPG resin systems

- Well-suited for contact with water / less aggressive chemicals



Founded in 1927, Reichhold, with its world headquarters and technology center in Research Triangle Park, North Carolina, USA, is together with its parent, Dainippon Ink & Chemicals (Tokyo, 4631) the world's largest manufacturer of unsaturated polyester resins and a leading supplier of coating resins for the industrial, transportation, building and construction, marine, consumer and graphic arts markets. Reichhold has manufacturing operations throughout North America, Latin America, the Middle East and Europe. To find out more visit www.reichhold.com

