

## 1 CHARACTERISTICS

Gel coat **GC 296** is based on a vinyl ester resin for brush application and use for quality applications.

- Freedom from drainage on inclined surfaces.

## 2 PROPERTIES OF LIQUID GEL COAT

Brookfield viscosity (ISO 2555 - 20°C – sp6)	5 rpm : 250 - 350 Poise 50 rpm : 60 - 80 Poise
Specific gravity (ICON 012)	1.10 - 1.22 g/cm <sup>3</sup>
Non volatile content (ICON 003)	58 - 62%
Gel time (ICON 002) (20°C - 2% MEKP M50 on 100 g)	10 - 14 min

## 3 VERSIONS

Gel coat **GC 296** is available in many colours. Due to the yellow colour of the vinylester resin, contact us for the pastels colours.

Gel coat **GC 296** is available in spray version: **GC 297**.

Gel coat **GC 296** is available in top coat version: **GF 296** or **GF 297**.

## 4 RECOMMENDATIONS BEFORE USE

- **GC 296** is ready to use, mix well the product before use.
- To obtain an optimum curing, the rate of PMEC peroxide (Type Butanox M50) should be between 1 and 2%, according the size of part and the room temperature (recommend 20°C).
- Put 0.5 to 0.7 mm thickness of gel coat about 600 g/m<sup>2</sup>.
- Avoid thickness especially in angles. We recommend the application of several thin layers (wet on wet) rather than a thick one or apply the product on 2 successive layers, wait the first layer is curing before apply the second layer.

## 5 POST CURING

To obtain optimum resistance properties of the **GC 296**, it is necessary to cure the laminate. The laminate stays at ambient temperature (16 at 20°C) during 24 hours, then, we advise to do a post-curing of 16 hours by successive level 40°C at 150°C. This post-curing must be done immediately after the 24 hours.

## 6 PACKAGING

Gel coat **GC 296** is available in kegs of 5 kg and in drums of 225 Kg.

### **IMPORTANT**

*All of the results obtained according to trials in our laboratory. However, we don't be responsible of manufactured parts with the **GC 296**, if the application conditions specified are not respected.*

*It is imperative that the user must also ensure that his application and his process are appropriate for this product to be used. We hereby the conformity of our products with the above specifications. We cannot be responsible for any damage caused by misuse of this product or use of the product for an application not covered in the design.*

## **7 STORAGE CONDITIONS AND HANDLING**

Storage life: Gel coat **GC 296** is stable for 3 months from date of production. The product must be stored in original closed packaging at a temperature between 15°C and 25°C, away from direct sunlight.

It is the responsibility of the customer to assure that the product is used in good conditions overall before the date limitation mentioned on the keg.

The gel coat is subject to the Highly Flammable Liquids Regulations.

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