Technical Datasheet

INEOS Composites

MAXGUARD™ MP Premium Marine Series Gelcoat

MAXGUARD™ MP (Marine Performance) Series gelcoats are formulated to beat the elements and protect your watercraft from sun, saltwater and rough handling for lasting exterior beauty. MAXGUARD™ MP gelcoats are engineered to spray well in the fabrication process particularly where tapelines are critical and have been proven over the years to perform in conditions requiring high levels of protection against damaging UV light, excellent blister resistance, or where excessive ambient temperatures exist.

- Excellent weathering and blister resistance.
- Exceptionally application friendly.
- Outstanding tape line pulls.

Typical Properties[1] at 25°C (77°F)

	Whites	Colors
Viscosity, Brookfield RVT#4@20 rpm	3500 cps	3800 cps
Thix Index, Brookfield RVT 5/50 rpm	6	6.5
Gel Time (1.8% MEKP-9)(2)	18 minutes	18 minutes
HDT 2% MEKP M-50 Post Cure: 24 HRS at 50 °C (3)	71	°C

[1]Properties are typical values based on material tested in our laboratories. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.
[2]Registered trademark of Arkema, Inc. (3) MEKP M-50 Registered trademark of AkzoNobel, Inc.

Application and use

MAXGUARD MP gelcoats are premium gelcoats for spray applications. These gelcoats are preferred by boat shops for their superior application properties as well as their excellent weatherable and water resistant finish.

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Certificates and approvals

The manufacturing, quality control and distribution of products, by INEOS Composites, are complying with one or more of the following programs or standards: ISO 9001, ISO 14001 and OHSAS 18001.

Handling and storage

DOT Label required: Flammable Liquid. This product contains ingredients which could be harmful if mishandled. Contact with skin and eyes should be avoided and necessary protective equipemnt and clothing should be worn.

For good working practices, see INEOS Composites's "Gelcoat Handling Guide". Store at temperatures between 65°F(18°C) & 80°F(27°C). Avoid exposure to heat sources such as direct sunlight or steam pipes. Agitate before use. Gelcoats perform best when temperature of the workshop, materials and tools are between 65-80°F(18-27°C)and relative humidity below 70%. A high quality MEK peroxide should be used between 1.5-2.5%. Keep sealed and avoid outdoor storage to prevent moisture pick-up and monomer loss. Rotate stock.

Commercial Warranty: When stored in accordance with above conditions, INEOS Composites warrants this product to remain within specifications for 3 months from date of shipment. All things being equal, higher storage temperatures reduces product stability and lower storage temperatures extends product stability.

Notice

All information presented herein is believed to be accurate and reliable, and is solely for the user's consideration, investigation and verification. The information is not to be taken as an express or implied representation or warranty for which INEOS Composites assumes legal responsibility. Any warranties, including warranties of merchantability, fitness for use or non-infringement of intellectual property rights of third parties, are herewith expressly excluded.

Since the user's product formulations, specific use applications and conditions of use are beyond the control of INEOS Composites, INEOS Composites makes no warranty or representation regarding the results which may be obtained by the user. It shall be the sole responsibility of the user to determine the suitability of any of the products mentioned for the user's specific application.

INEOS Composites requests that the user reads, understands and complies with the information contained herein and the current Material Safety Data Sheet.

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