Technical Datasheet

INEOS Composites

MAXGUARD™ MPI Series Marine Spray/Brush Gelcoats from the INSTINT Color Service

Maxguard MPI Series gelcoats are a high performance Iso-NPG based weatherable gelcoat available through INEOS Composites's INSTINT™ Color Service.

The INSTINT Color Service with patented auto-adjust technology is recognized and used in more than 25 Countries around the world.

Maxguard MPI gelcoats are readily available in over 1000 colors. INEOS Composites's INSTINT Color Service provides excellent color consistency combined with the globally excellent reputation of the Maxguard gelcoats. These gelcoats are very easy to apply, either in a spray or brush grades.

Typical Liquid Properties at 25 °C[1]

	Spray Grade	Brush Grade
Viscosity, Brookfield RV4, 20 rpm	3000-6000 cps	9000-12000 cps
Thix Index, Brookfield RV4, 5/50rpm	5	
Geltime, 1.5% MEKP-9[2], A Version	15- 20 min	15- 20 min
Geltime, 1.5% MEKP-9[2], B Version	10-14 min	10-14 min
Filmcure, 1.5% MEKP-9[2] at 18 mils wet	45-60 min	45-60 min

[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.

Application and use

UV resistant
Blister resistant
Excellent application properties

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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	Temperature of workshop, raw materials and tools should be 65-80°F (18-25°C) and relative humidity below 70%. The gelcoat must be gently stirred before use. A high quality MEK peroxide should be used between 1.5-2.5%. The commercial warranty period for this product, provided storage at recommended conditions, is 90 days from shipment.
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.