Technical Datasheet

MAXGUARD™ CG-47 Marine Clear Gelcoats

MAXGUARD CG-47 Series Gelcoats are Boat MACT compliant, premium Iso-NPG Marine Clear gelcoats with exceptional clarity, weatherability and application properties. The MAXGUARD CG-47 gelcoats exhibit high gloss and bold visual depth when used with metal flake. These gelcoats resist sagging, spray easily and have excellent air release.

Typical liquid gelcoat properties

Properties at 23 °C, MAXGUARD CG-47-0010	Value	Unit
Viscosity, Brookfield RV4, 20 rpm	4100	cPs
Thixotropic Index	6.0	
Geltime, 2.0% Methyl Ethyl Ketone Peroxide (9%)	10	min
Filmcure	50	min
Maximum HAP content	47	%

Typical gelcoat base resin properties

Properties (postcure 24h at 50 °C)	Value	Unit	Method
Tensile strength	9500	psi	ASTM D638
Tensile modulus	460	ksi	ASTM D638
Elongation at break	2.3	%	ASTM D638
Flexural strength	14000	psi	ASTM D790
Flexural modulus	540	ksi	ASTM D790
Heat deflection temperature (1,81 MPa)	120	°C	ASTM D648

Application and use

MAXGUARD CG-47 gelcoats are premium clear gelcoats for spray applications for use in outdoor exposure applications, and can be used with metal flake.

Responsible Care®

Ashland is committed to the continuous evolution of technology and service solutions that promote health, safety and environmental protection around the world.
* Registered service mark of the American Chemistry Council. ® Registered trademark and ™ trademark of Ashland Inc.

Technical Datasheet

MAXGUARD™ CG-47 Marine Clear Gelcoats

Certificates and approvals

The manufacturing, quality control and distribution of products, by Ashland Performance Materials, are complying with one or more of the following programs or standards: Responsible Care, ISO 9001, ISO 14001 and OHSAS 18001 by .

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 Ashland'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, Ashland 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 Ashland 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 Ashland, Ashland 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.

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

Responsible Care*

Ashland is committed to the continuous evolution of technology and service solutions that promote health, safety and environmental protection around the world.
* Registered service mark of the American Chemistry Council. ® Registered trademark and ™ trademark of Ashland Inc.