Technical Datasheet

INEOS Composites

ENGUARD™ 11 Series Interior Air-Dry Topcoat

ENGUARD 11 series interior topcoats are dual purpose brushable and sprayable post-mold applied gelcoats with excellent coverage and cure for composite parts. ENGUARD 11 series topcoats use unique filler technology to achieve low specific gravity. This low specific gravity means your cost as applied is typically lower than normal interior air-dry topcoats with higher specific gravitites. ENGUARD 11 series interior topcoats impart good tack-free cure and a glossy backside appearance for an easy to clean, moisture resistant, attractive interior marine surface.

- Very low HAP
- Good tack-free cure
- Exceptional coverage per pound applied
- Moisture resistant
- Easy to clean surface

Typical Liquid Gelcoat Properties

Property(1) at 25°C (77°F)	Value	Unit
Viscosity, Brookfield RVT #4 spindle @ 20 rpm	3300	cps
Thix Index, RVT #4 spindle @ 5/50 rpm	4.5	
Gel Time (1.8% MEKP-9)	13	minutes
Specific Gravity	1.3	gm/cc
HDT (Post Cure: 24 HRS at 50 °C)	74	°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.

Certificates and Approvals

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

Technical Datasheet

INEOS Composites

ENGUARD™ 11 Series Interior Air-Dry Topcoat

Standard Package	Non-Returnable Drum; DOT Label Requirement: Flammable Liquid
Storage and Handling	For good working practices, see INEOS Composites's "Gelcoat Handling Guide". Store gelcoats between 18-25°C (64-77°F) in a closed, opaque container. Best working conditions are at 18-25°C (64-77°F) and relative humidity below 70%. Storage life decreases with increasing storage temperature. Avoid exposure to heat sources such as direct sunlight or steam pipes. To avoid contamination of product with water, do not store outdoors. Keep containers sealed to prevent moisture pick-up and monomer loss. Mild mixing is recommended after prolonged storage. Rotate stock. All other conditions being equal, higher storage temperatures will reduce product stability and lower storage temperatures will extend product stability. Commercial Warranty period 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.