PRODUCT BULLETIN

January 2024

ARMORGUARD®

967XD149UP Vinyl Ester Barrier Coat

DESCRIPTION

ARMORGUARD® 967XD149UP has been formulated as a barrier coat to reduce osmotic blistering, and as a print blocker to provide a smoother gel coat finish.

BENEFITS & FEATURES

- Less osmotic (water) blistering
- Improved cosmetics due to reduced fiber print-through and distortion
- Reduced back-side tack
- Neutral in color for applications where translucence is desired
- Unpromoted formulation allows for customization of fast and slow gel times for small or large parts

PROPERTIES – LIQUID

Property[1]	Unit	967XD149UP
Viscosity[2]	cps	10,500
Thix Index	-	6.0
Gel Time	minutes	10.5

1) All properties at 25°C/77°F unless otherwise noted
2) Brookfield Viscometer RV Spindle #4 at 4 RPM
3) 100 g mass 0.25% Cobalt-12, and 1.8% Arkema Luperox® DDM-9

APPLICATION

ARMORGUARD® 967XD149UP is un-promoted. Promoter must be added and mixed thoroughly into the product for it to cure properly.

	Gel Time[1]
Formula Ingredient	10.5 minutes
POLYCOR® 970C903[2]	0.25%
Arkema Luperox® DDM-9	1.8%

[1] Gel time data is for 100 g mass samples at 77°F.
[2] Cobalt solutions having concentrations of 6% or 12% may be substituted for POLYCOR® 970C903. When using a 6% cobalt solution, you must double the recommended level of POLYCOR® 970C903.

Refer to Polynt's Composites Applications Guide ("Cookbook") for equipment and application recommendations. Each user must determine the suitability of this product to his/her particular mode of operation and intended end-use application. A Polynt representative will be available to assist in the proper selection of all Polynt products available for commercial use.

SHELF LIFE & STORAGE

The shelf life of ARMORGUARD® 967XD149UP is 120 days from the date of manufacture from Polynt. To maximize usage life and maintain optimum properties, resins and gel coats should be stored in the original closed container at temperatures below 23°C/73°F and away from ignition sources and sunlight. Keep containers sealed to prevent moisture pick-up and monomer loss.

SAFETY & WARRANTY

To receive a copy of our safety and warranty information, please email safetyandwarranty@polynt.com.