PRODUCT BULLETIN

December 2020

ARMORFLEX® 963XK161

Marine Clear Gel Coat

DESCRIPTION

ArmorFlex® 963XK161 gel coat is a high-performance product formulated for the marine industry.

ArmorFlex® 963XK161 meets the EPA National Emission Standards for Hazardous Air Pollutants (NESHAP) for Boat Manufacturing and Reinforced Composites Construction.

BENEFITS & FEATURES

- Superior weathering properties (compared to conventional gel coats)
- Blister resistance
- High gloss BUFFBACK® characteristics
- Smoother sprayed film (less orange peel)

PROPERTIES – LIQUID

Property(1)	Unit	963XK161
VOC	%	43.8
Viscosity(2)	cps	4,000
Thix Index	-	6.5
Gel Time	minutes	11.5(3)
Density	lbs/gal	8.75

1) All properties at 25°C/77°F unless otherwise noted
2) Brookfield Viscometer RV Spindle #5 at 20 RPM
3) 1.5% DDM-9

APPLICATION

ARMORFLEX® 963XK161 gel coat may not be compatible in the liquid state with other gel coats or resins. Spray and pumping equipment should be flushed completely prior to use.

Do not add any material, other than the recommended methyl ethyl ketone peroxide, to this product without the advice of a representative of Polynt Composites USA.

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-Reichhold products available for commercial use.

SHELF LIFE & STORAGE

The shelf life of ARMORFLEX® 963XK161 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.

RELATED PRODUCTS

Polynt does NOT recommend the use of wax-containing additives when patching ARMORCLEAR® Series gel coats. Options are as follows:

• FC PATCHAID® 970C961 Fast Cure Spraycure™– Monomer based product that can be used as an overspray to seal the open side of spray patches.

• ARMORCOTE® 941CJ018 – Patching thinner for marine clear coats.

SAFETY & WARRANTY

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