PRODUCT BULLETIN

June 2023

QUICK MIX® 99Q Series

Gel Coat Colorant System

DESCRIPTION

QuickMix® 99Q Series gel coats are polyester based products available in white and neutral. These gel coats can be mixed with QuickMix® 970 Series colorant packages to create a wide range of whites, pastels or dark colors. QuickMix® products are offered in "A" and "C" color matches. Refer to MB-335 for the QuickMix® Colorant System colorant ordering and mixing instructions.

BENEFITS & FEATURES

- Reduces color gel coat inventory costs
- Helps reduce aged inventory
- Allows for fast turnaround of repeat colors

PROPERTIES – LIQUID

Property(1)	Unit	99QWK632 (Whites)	99QXK141 (Pastels)	99QXK166 (High Chroma)
VOC	%	30.6	36.2	37.7
Viscosity(2)	cps	4,750	4,300	4,000
Thix Index(3)	-	6.0	6.0	6.0
Gel Time(4)	minutes	12.5	12	12
Gel to Peak	minutes	12	13	-
Peak Exotherm	°C/°F	163/325	159/318	121/250 (Min.)
Flash Point (Seta Closed Cup)	°C/°F	31/88	31/88	31/88

1) All properties at 25°C/77°F unless otherwise noted
2) Brookfield Viscometer RV Spindle #4 at 20 RPM
3) Brookfield Viscometer RV Spindle #4 at 2/20 RPM
4) 1.8% Luperox® DDM-9

APPLICATION

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 QUICK MIX® 99Q Series gel coat 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 recommends the use of PATCHAID® when patching QUICK MIX® 99Q Series gel coats. Options are as follows:

- Polynt's PATCHAID® 970XJ037, 970X900, and 970XA014 – Resin based products that can be mixed into the gel coat to improve the working properties of spray patches.

- FC PATCHAID® 970C961 Fast Cure Spraycure™– Monomer based product that can be mixed into the gel coat to improve the working properties of spray patches or can be used as an overspray to seal the open side of spray patches.

RELATED LITERATURE

Refer to MB-335 for the QuickMix® Colorant System mixing instructions.

SAFETY & WARRANTY

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