

# Fusion Plus

## CONVERSION COATING



FOR RUBBER-BASE COATED POOLS

**Converts rubber-base to epoxy!**

**FUSION PLUS** is the smart way to convert your worn rubber-base coated pool to an epoxy finish. Simply clean surface, roll on FUSION PLUS, then follow with one coat of ZERON or two coats of POXOLON\*. Your rubber-to-epoxy finish will be beautiful, and will last for years!

Coverage: Approximately 225 - 250 square feet per gallon.



Louisville, Kentucky 40201-3726  
[502] 636-2561 [800] 458-2842  
Fax [502] 635-5170 www.kelleytech.com

**Bulletin No. 117**

## FUSION PLUS Converting Rubber-Base to Epoxy

**GENERAL INFORMATION**

FUSION PLUS is a two-part water-based epoxy transition coat for use over sound rubber base paint. Do not apply over acrylic or other unknown coatings. FUSION PLUS should be top-coated with two coats of POXOLON\* or one coat of ZERON. FUSION PLUS acts as a barrier coat to convert rubber base painted pools to a more durable epoxy finish. Be sure all rubber base paint thoroughly covered with this product before applying finish coat.

**SURFACE PREPARATION**

Before applying FUSION PLUS, all loose paint should be removed. A water blaster with 3000 psi and scrapers should suffice. Once complete, the surface should be scrubbed with No. 910 WASHING COMPOUND, or tri-sodium phosphate. Mix 8 oz. (23 kilograms) No. 910 WASHING COMPOUND, or tri-sodium phosphate, to each gallon (3.79 liters) of warm water. After scrubbing, rinse with fresh water about every 100 sq. ft. Do not let solution dry on the surface. The surface should then be etched with muriatic acid. Mix 1 part acid to 1 part water. (Our Bulletin No. 141 gives complete acid etching information.) CAUTION: Persons participating in acid etching should wear rubber boots, rubber gloves and goggles. In order to neutralize any remaining traces of acid, the surface should again be scrubbed with No. 910 WASHING COMPOUND, or tri-sodium phosphate and then rinsed thoroughly with clean water. The surface should dry thoroughly before application.

**MIXING DIRECTIONS**

This can contains the base portion and is to be thoroughly mixed with the catalyst. The mixing ratio is 3 parts of the base to 1 part catalyst. This container is 3/4 full to allow room for the catalyst. It is also advisable to mix 2 or 3 gallons in a 5-gallon container. You should mix using an electric drill with mixing attachment. Mix until all traces of catalyst disappear plus an additional 3 minutes. After thoroughly mixing in the catalyst, FUSION PLUS should stand for 15 minutes before applying. DO NOT mix more than can be used in 2 hours.

**APPLICATION**

FUSION PLUS is best applied by rolling with a 1/2" nap roller. You may use a brush for trimming. Always apply liberally. Make sure all of the previous rubber base paint is covered completely. Do not apply FUSION PLUS when air or surface temperatures are below 60° F. Coverage is approximately 200 - 250 sq. ft. per gallon.

**SCHEDULE BEFORE APPLYING POXOLON\* OR ZERON**

Minimum – Overnight  
Maximum – 48 hours

Apply finish coat of POXOLON\* or ZERON when FUSION PLUS is tack free. This will be approximately 4 - 8 hours. Do not wait longer than 48 hours to apply finish coat.

**THINNING AND CLEAN UP**

If product is too thick to apply after mixing, it may be thinned with up to 1 pint of water per gallon. Clean up with a mild soap and water.

**POT LIFE**

Approximately 2 hours.  
Do not mix more than can be used in 2 hours.

**FIRST AID**

If swallowed, do not induce vomiting. Call physician immediately. If you experience difficulty breathing leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.

**NOTICE**

Reports have associated repeated and prolonged occupational over-exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

**ANALYSIS****% BY WT.**

Epoxy Resin .....	21.6
Titanium Dioxide .....	23.2
Magnesium Silicate .....	20.6
Silica .....	2.6
Additives .....	0.6
2 Propoxyethanol .....	3.0
Water .....	28.4
VOC = 2.17 Lbs./Gal.	

**KEEP OUT OF REACH OF CHILDREN****WATER-BASED - KEEP FROM FREEZING****WARNING!**

If you scrape or remove old paint, you may release lead dust. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.** Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at **1-800-424-LEAD** or log on to **www.epa.gov/lead**

\*The sale, use, or application of POXOLON is **prohibited** in some areas. Before purchasing, using, or applying this product, please consult with your distributor or your state or local government to determine whether its purchase, use, or application is restricted in your area.