socomore

PreKote®

Surface Pretreatment & Adhesion Promoter

- Save time in process with all-in one surface pretreatment: cleaning + adhesion promoter.
- Replaces both chromate and non-chromate conversion coatings prior to painting.
- Flexible surface pretreatment: works with virtually any paint or bonding process.
- Conforms to material corrosion tests & strengthens the corrosion resistance of the coating system



PREKOTE HISTORY

- USAF studies confirm PreKote® is superior to alternatives.
- USAF tested and implemented PreKote® on most platforms since 1988.

PREKOTE PROCESS

PreKote®'s technology cleans the surface and removes contaminants by creating a closer, stronger bond between the surface and coating (See Figure B).

This results in fewer paint adhesion failures and better overall corrosion protection.

Figure A - The Chromate Conversion Process

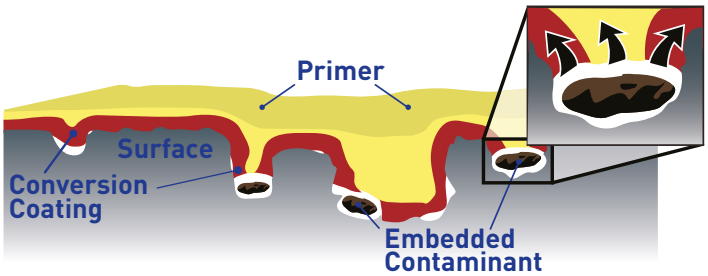
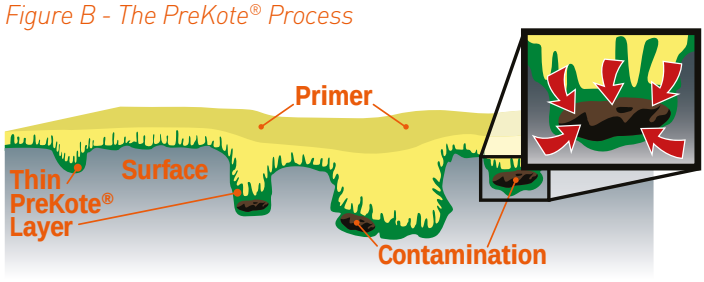


Figure B - The PreKote® Process



AVAILABLE PACKAGINGS

PreKote® **1 Quart**	
PreKote® **1 Gallon**	
PreKote® **5 Gallon Pail**	
PreKote® **55 Gallon Drum**	
PreKote® **275 Gallon Drum**	
PreKote® **Large Repair Kit** *Treats 200-300 square feet*	
Wipes with Container	50 per container
Wipes Only *REFILL*	50 per packaging No container

PREKOTE BLUE®

The visible inhibited surface pretreatment

Same benefits as Prekote®

Easy application

Thanks to its blue color



PRETREATMENT PRODUCTS: APPLICATION PROCESS COMPARISON

Steps	Chromate Conversion Coatings (14 Steps)	Wash Primers (8 Steps)	Sol-gel (7 Steps)	PreKote® & PreKote Blue® (6 Steps)
1	Rinse with Water	Rinse with Water	Rinse with Water	Rinse with Water
2	Apply and Scrub with Alkaline Solution	Apply and Scrub with Alkaline Solution	Clean with Presaturated Wipes	Apply PreKote® and Scrub
3	Rinse with Water	Rinse with Water	Abrade the Surface	Apply PreKote® and Scrub
4	Allow Water to Dry	Allow Water to Dry	Clean with Presaturated Wipes	Rinse with Water
5	Mask Sensitive Areas (eg: magnesium/composites)	Clean with Solvent	Mix sol-gel	Inspect for Water Break
6	Scrub with Acid	Mix Wash Primer	Apply sol-gel	Allow Water to Dry
7	Rinse with Water	Apply Wash Primer	Allow to Dry	Mask and Apply Primer
8	Allow Water to Dry	Inspect for Overcoat	Mask and Apply Primer	
9	Mix Conversion Coating	Mask and Apply Primer		
10	Apply Conversion Coating			
11	Rinse with Water			
12	Inspect for Water Break			
13	Allow Water to Dry			
14	Wipe with Solvent			
15	Mask and Apply Primer			

Simple 6 Step Process

PRETREATMENT PROCESS: ENVIRONMENTAL HEALTH & SAFETY COMPARISON

Most Hazardous/Toxic → **Least Hazardous/Non-Toxic**

	Chromate Conversion Coatings	Wash Primers	Sol-gel	PreKote® & PreKote Blue®
Toxicity			Non-toxic	Non-toxic
Flammability			Non-flammable	Non-flammable
Products Required				
Rinses				
Environmental Pollutant			Non-pollutant	Non-pollutant
Masking				No Masking
PPE				
Mixing Required				Ready-to-Use: No Mixing