

Pretreatment Product Comparison Sheet



Pretreatment Process: Environmental Health & Safety Comparison

	Most Hazardous/Toxic			Least Hazardous/Non-Toxic
	Chromate Conversion Coatings	Gel Technologies	Wash Primers	PreKote®
Toxic				Non-toxic
Corrosive				Non-corrosive
Flammable				Non-flammable
Products Required				
Rinses				
Environmental Pollutant				Non-pollutant
Masking				No Masking
PPE				
Mixing Required				Ready to Use: No Mixing

Environmental, Human Health & Safety Comparison Chart PreKote is non-toxic, non-corrosive, and non-flammable meaning it doesn't require special handling, permitting or disposal fees. It also requires the least amount of water and PPE.

These benefits translate into more comfortable, more productive, and safer employees as well as reduced product, labor, and HAZMAT costs.

Pretreatment Products: Application Process Comparison

	Chromate Conversion Coatings	Gel Technologies	Wash Primers	PreKote®
Steps	14 Steps	11 Steps	8 Steps	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	Apply and Scrub with Alkaline Solution	Apply PreKote®* and Scrub
3	Rinse with Water	Rinse with Water	Rinse with Water	Apply PreKote®* and Scrub
4	Allow Water to Dry	Allow Water to Dry	Allow Water to Dry	Rinse with Water
5	Mask Sensitive Areas (eg: magnesium/composites)	Apply De-Oxidation or Etching Solution	Clean with Solvent	Inspect for Water Break
6	Scrub with Acid	Rinse with Water	Mix Wash Primer	Allow Water to Dry
7	Rinse with Water	Inspect for Water Break	Apply Wash Primer	Mask and Apply Primer
8	Allow Water to Dry	Allow Water to Dry	Inspect for Overcoat	
9	Mix Conversion Coating	Mix Gel and Wait (Induction Time)	Mask and Apply Primer	
10	Apply Conversion Coating	Apply Gel		
11	Rinse with Water	Remove Excess (Optional)		
12	Inspect for Water Break	Mask and Apply Primer		
13	Allow Water to Dry			
14	Wipe with Solvent			
15	Mask and Apply Primer			*PreKote® is a Ready-To-Use, All-in-One Product

Application Process Comparison Chart PreKote only requires 6 steps. It also uses the least amount of:

- chemicals
- water
- manual labor

These benefits translate into more productive employees and reduced product and labor costs.