



## Powder Coating Pretreatment

Specializing in manufacturing chemicals for metal finishing, a wide range of pre-paint treatments are offered for both ferrous and non-ferrous metals. Our technologies ensure exceptional adhesion and corrosion resistance, covering various processes from soak to spray. Iron phosphate products, available in single-stage up to 7-stage treatments, provide superior bonding and salt spray results.

Additionally, our unique zirconium conversion coating process delivers advanced bonding and anti-corrosion treatment, while our phosphate free products provide a dry in place polymeric coating that crosslinks with subsequent topcoats for improved adhesion and corrosion protection.

### Iron Phosphates

**Bond Guard: 3, 5 & 7 Stage Spray**  
**Clean & Bond: Steam Wand & Immersion**

- With or without Seal Rinse options
- For Ferrous & Non Ferrous Metals
- Superior Adhesion
- Extended Salt Spray Protection

### Non-Phosphate

**EcoQuest:**  
**Spray, Soak or Wand**

- Non Hazardous
- Phosphate & Metal Free
- Dry in place
- Advanced Nano Technology
- Multi Metal Use

### Zirconium

**Bond Guard ZRC:**  
**Spray, Soak or Wand**

- Environmental & Energy Advantages
- Low Temperature
- Non Sludging
- Phosphate Free
- Multi Metal Use

### Final Seal Rinses

**NCS Sealers**  
**Extended Salt Spray**

- Improved Bonding
- Non Chrome
- Dry in place
- Passivating
- Rust & Stain Inhibiting
- Zirconium Options Available

## Discover the Pretreatment Product Selection

Iron Phosphate	CLEANER COATER	WAND IMMERSION	3 STAGE	5 STAGE	SEALER	STEEL	ALUMINUM	ZINC	PHOS FREE	DRY IN PLACE	SALT SPRAY
Phos & Clean HS-222	X	X				X	O	O			250+
Phos & Clean HS-333	X	X				O	X	X			1000+
Phos & Clean LF-22	X	X	X			X	O	O			250+
Bond Guard 1347-S				X		X	X	X			250+
Hubfos 150				X		X					1000+

Zirconium	CLEANER COATER	WAND IMMERSION	3 STAGE	5 STAGE	SEALER	STEEL	ALUMINUM	ZINC	PHOS FREE	DRY IN PLACE	SALT SPRAY
Bond Guard ZRC-111				X		X	X	X	X	X	500+
Bond Guard ZRC-222	X	X				X	X	X	X	X	500+
Bond Guard ZRC-333			X			X	X	X	X	X	500+

EcoQuest	CLEANER COATER	WAND IMMERSION	3 STAGE	5 STAGE	SEALER	STEEL	ALUMINUM	ZINC	PHOS FREE	DRY IN PLACE	SALT SPRAY
EcoQuest NCS-170			X	X	X	X	X	X	X	X	250+
EcoQuest NCS-171	X		X	X	X	X	X	X	X	X	250+
EcoQuest NCS-172-LF	X		X	X	X	X	X	X	X	X	250+

Seal Rinses	CLEANER COATER	WAND IMMERSION	3 STAGE	5 STAGE	SEALER	STEEL	ALUMINUM	ZINC	PHOS FREE	DRY IN PLACE	SALT SPRAY
Seal Rinse AM-25					X	X	O	O	X	X	250+
NCS Z-1					X	X	X	X	X	X	500+
NCS Z-3					X	X	X	X	X	X	500+
Emerald Seal 308					X	X	X	X	X	X	500+

HH-0223



Surface Cleaners



Metal Finishing



Wastewater Treatment



Better Results.  
Less Chemistry.™



563 South Leonard Street, Waterbury, CT 06708  
Phone: (800) 648-3412 · HubbardHall.com