

U.S. PATENTED STAINLESS STEEL COATING

ALLOY-BOND EPOXY POWDER COATING

- Significant cost reduction compared to solid stainless steel material
- FDA Epoxy pigmented with 316L Stainless steel flake (3.5 mil)
- FDA approved coating



APPLICATIONS

- Pharmaceutical Industry
- Chemical Industry
- Corrosive environments
- Waste water treatment
- Federally inspected meat & poultry plants



SPECIFICATIONS

- Meets FDA 21 CFR 175.300
- Coating is FDA approved For incidental contact
- Can be safely used in:
 - Food contact areas
 - Chemical washdown applications
- Life expectancy up to 30 years

TEST RESULTS	RATING
Water: Fresh & salt	Excellent
Solvents: alcohols, aliphatics, aromatics, carbon tetrachloride ethylene glycol, ketones & trichloroethylene	Excellent
Organic Acids:	
- Fatty & Citric	Excellent
- Oleic 100% & Oxalic 20%, pH 1.6	Excellent
- Picric 10%	Good
Inorganic Acids:	
- Hydrochloric 5%, pH 2.5	Excellent
- Hydrochloric 20%, pH 1.5	Good
- Boric (saturated solution), pH 5.2	Excellent
- Phosphoric 65%, pH 1.5; 50%, pH 1.5; 20% pH 1.4	Good
Acid Salts:	
- Aluminum Nitrate 10%, Ammonium Chloride & Copper Sulfate	Excellent
Alkalis:	
- Ammonium Hydrox. 28%, pH11; Ammonium Hydrox. Dilute,	Good
- Calcium Hydrox. (Lime), pH12.4; Potassium Hydrox. 50%, pH 14	Fair
- Potassium Hydrox. 25%, pH13; 10% pH14	Good
- Sodium Hydroxide 50%, pH14	Fair
- Sodium Hydroxide 20%, pH13; 5%, pH12 & Sodium Hypochlorite (Bleach)	Good
Alkaline Salts:	
- Barium Sulfide, Sodium Bicarbonate, Sodium Carbonate & Sodium Sulfide	Excellent
- Trisodium Phosphate 10%	Good



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