

Technical Data

HALOX® 430

Heavy Metal Free Corrosion Inhibitor

US Patent No. 7,481,877

Chemical Description

Calcium Phosphate Based Inhibitor

Product Description

HALOX® 430 is a non-toxic, heavy metal free anticorrosive pigment designed for use in water-borne and solvent-borne protective coating systems. HALOX® 430 is based on a unique synergy between an ion scavenging and passivation mechanism. It is recommended for use in long-term applications where use of heavy metals, such as zinc, strontium, barium, molybdenum, and chromate, is of concern.

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Application*

Coatings System	Water-borne	Solvent-borne
2K Epoxy	3-6%	6-10%
Alkyds & Modified Alkyds	3-6%	6-10%
2K Polyurethane	3-6%	6-10%
Acrylic Copolymer	3-5%	-
Polyester Melamine/TGIC	-	6-9%

* Application recommended loading levels based on total formula weight

Typical Properties

These are typical values and do not represent product specifications:

pH (10% solution by wt)	8.0
Oil Absorption (lbs/100 lbs)	45.0
Density (g/ml)	2.7
Mean Particle Size (microns)	5.0
% Moisture	1.1
Appearance	White, odorless powder



Our Manufacturing Systems are ISO 9001 and ISO 14001 Certified