



# TECHNICAL DATA

## HALOX<sup>®</sup> 430 JM

*Jet-Milled, Heavy Metal Free Corrosion Inhibitor*

*US Patent No. 7,481,877*

### Chemical Description

Calcium Phosphate Based Inhibitor

### Product Description

HALOX<sup>®</sup> 430 JM is a non-toxic, heavy metal free anticorrosive pigment designed for use in water-borne and solvent-borne protective coating systems. HALOX<sup>®</sup> 430 JM 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.

HALOX<sup>®</sup> 430 JM: The **jet-milled** feature offers significant advantages:

– Thin film applications (<10 microns) – easier to disperse – cleaner grinds – improved efficiency

### Application\*

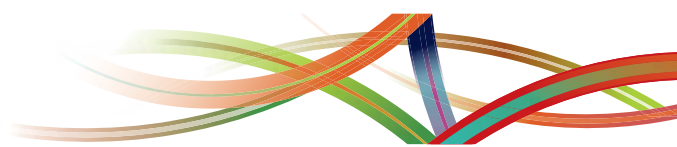
Coatings System	Water-borne	Solvent-borne
2K Epoxy	2-6%	8-12%
Alkyds & Modified Alkyds	2-6%	6-10%
2K Polyurethane	2-6%	6-10%
Acrylic Copolymer	2-5%	-
Polyester Melamine/TGIC	-	6-9%

\* 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)	50
Density (g/ml)	2.7
d <sub>100</sub> Particle Size (microns)	< 5
% Moisture	1.1
Appearance	White, odorless powder



### Our Manufacturing Systems are ISO 9001 and ISO 14001 Certified

Although the information and recommendations set forth herein (hereinafter "Information") are presented in good faith and believed to be correct as of the date hereof, ICL Advanced Additives ("ICL") makes no representations or warranties as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will ICL be responsible for damages of any nature whatsoever resulting from the use or reliance upon Information or the product to which Information refers. Nothing contained herein is to be construed as a recommendation to use any product, process, equipment or formulation in conflict with any patent, and ICL makes no representation or warranty, express or implied, that the use thereof will not infringe any patent. NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE ARE MADE HEREUNDER WITH RESPECT TO INFORMATION OR THE PRODUCT TO WHICH INFORMATION REFERS.