



# HALOX<sup>®</sup> 750

Hybrid Corrosion Inhibitor

# Technical Data

Chemical Description:

Inorganic/Organic Phosphosilicate

Product Description:

HALOX<sup>®</sup> 750 is an inorganic and organic hybrid corrosion inhibitor primarily designed for coatings and primers on metal surfaces. HALOX<sup>®</sup> 750 is specifically designed for use in a variety of solvent-borne or water-borne applications to *cost-effectively* provide the traditional function of an inorganic corrosion inhibitor with the benefits of an organic corrosion inhibitor.

Product Advantages:

- Excellent passivation
- Improved wet adhesion
- Outstanding blister resistance
- Enhanced barrier properties

Application:

Recommended loading levels range from 3-7% based on total formulation weight for water and solvent-borne coatings. However, the amount of HALOX<sup>®</sup> 750 required for optimum performance should be determined in trials over the recommended concentration range.

Specific Data:

pH (10% solution by wt)	6.8-8.0
Oil Absorption (lbs/100 lbs)	25-30
Density (g/ml)	3.0
Mean Particle Size (microns)	5.0
Total Zinc Compounds (%)	20

*These are typical values and do not represent product specifications.*

**Water Reducible Acrylic Alkyd after 400 hours of Salt Spray**  
(Bonderite 1000 - 2.5 mils (62.5 microns) - 5% t.f.w.)



Zinc Phosphate



HALOX 750



Modified Zinc Phosphate

*(Cross hatch adhesion performed immediately after extraction from test cabinet)*