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PRODUCT DATA SHEET

DESCRIPTION:

InvoCor CI - 3050

Calcium Borosilicate

APPLICATIONS:

InvoCor CI-3050 has been specifically designed as a high-performance corrosion inhibiting pigment typically used in alkyd based protective coating systems and is highest borate content commercially available borosilicate corrosion inhibitor. In addition to excellent corrosion resistance, **InvoCor CI-3050** also has a relatively low oil absorption, making it an excellent inhibitor choice in high solids alkyd formulations. Typical loading levels are usually between 1 – 5% by total formula weight. The following secondary benefits may be seen from **InvoCor CI-3050**:

- May significantly improve the “lift resistance” of common medium and long oil alkyd primers when used at levels of 0.5 – 2.0%.
- Aids in drying, both surface and trough dry, providing cost savings through the reduction of drier levels (especially cobalt). Surface dry may need to be balanced with the addition of zinc drier.
- Provide flame retardancy through the mechanisms of released water of hydration and excellent char layer formation.

InvoCor CI-3050, as defined by TSCA, is a mixture. All components of this mixture are listed in the TSCA Chemical Substances Inventory, Canadian DSL, and EINECS. It is USDA approved and meets ASTM Specification D 4288-83, Type II.

TYPICAL PHYSICAL PROPERTIES:

pH: 9.5

Oil Absorption: 30

Weight pe Gallon: 20 lbs. (2.47g/cm³)

Moisture: 1.5%

Hegman Grind: 5

Water Solubility: 0.35% @ 25°C

CUSTOMER NOTICE:

Invotec MA LLC provides this information in good faith but makes no representation as to its comprehensiveness. Our products are intended for industrial use only. We cannot foresee how each customer may use the product in connection with its manufacturing and/or sales operation. Therefore, we cannot and do not warrant that the product will produce the results desired or expected by each customer under varying circumstances. It is the ultimate responsibility of each customer to determine the suitability of the product. Therefore, we strongly urge customers to vigorously pursue their own testing program in order to determine the suitability of our product to meet their requirements.

Imagination × Ingenuity + Implementation

“True innovation is the product of *imagination* and *ingenuity* combined with the unique ability to *implement* results to the maximum benefit of all our valued stakeholders.”