

### APL-12243 Inhibited Aluminum Pigment

#### PRODUCT DESCRIPTION

APL-12243 is a coarse particle size leafing grade provided in paste form. APL-12243 contains an emulsifier and is carried in a glycol ether to improve compatibility with waterborne coatings systems. APL-12243 is chemically treated to increase stability and minimize gassing in waterborne coatings.

Leafing  
Coarse particle size  
Cornflake

#### PRODUCT APPLICATION

APL-12243 is well-suited for aqueous liquid coatings systems where a bright metallic appearance and low thermal emissivity are required. However, APL-12243 should be tested in each water based coating system to assure adequate gassing stability is achieved.

#### TECHNICAL DATA

Grade	200 mesh grade
Particle Size-Microns (Target)	60
Screen Analysis S200	4%
Non-Volatile By Weight (Target)	75% by weight
Specific Gravity	1.678
Bulking Gallons Pounds	0.071
Solvent	Mixture of mineral spirits and glycol ether PNB

#### INCORPORATION GUIDELINES

APL-12243 inhibited aluminum pigment paste should be pre-soaked in a co-solvent or coating vehicle and mixed under low shear agitation until a smooth lump free consistency is achieved. The pH should be kept as close to neutral as possible. High shear dispersion techniques should be avoided as damage to the flake and increased potential for gassing may occur.

#### SAFETY AND HANDLING

Aluminum pigment should be stored in the original shipping container and kept tightly sealed. Store containers in a cool, dry, well-ventilated, and properly rated area. Avoid any conditions that will suspend or float the particles in the air, creating a dust cloud. Avoid all possible sources of ignition. For additional information, please refer to the MSDS for this product, available from Silberline upon request. A Material Safety Data Sheet is supplied with all samples of this grade.

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