
STAMFORD O Aluminum Paste

PRODUCT DESCRIPTION

Stamford O is a fine, non-leafing aluminum pigment with good opacity for solvent based industrial coatings. This is an economical grade with cornflake geometry and wide particle size distribution range. This grade can be used with chromatic pigments to produce colored metallic effects.

-Non-Leafing

PRODUCT APPLICATION

General industrial coatings, coil coatings

TECHNICAL DATA

Grade	325 mesh grade
Screen Analysis:	1%
Non-Volatile:	65% by weight 35.3% by volume
Particle Size (microns):	17
Specific Gravity:	1.47
Weight Volume (lbs/gallon):	12.27
Weight Volume (kgs/liter):	1.47
Solvent:	Mixture of mineral spirits and high aromatic

INCORPORATION GUIDELINES

The paste should be presoaked in a solvent at a paste:solvent ratio of between 1:1 to 3:1. Pre-soaking generally takes from one to eight hours. Finer grades typically take longer than coarser grades. Use low shear, slow speed mixing to achieve a smooth consistency free of agglomerates. High shear dispersion techniques should be avoided, as they will distort the aluminum flakes.

SAFETY AND HANDLING

Aluminum pigment should be stored in the original shipping container and kept tightly sealed. Store containers in a dry room at a temperature below the flash point of the solvent. Avoid any conditions that will suspend or float the particles in the air, creating a dust cloud. For additional information, please refer to MSDS 100 for this product, or the Aluminum Association's "TR-2" brochure, both of which are available by calling the Silberline phone number at the bottom of the page.

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