

SILVER STAR® 009 Aluminum Paste

PRODUCT DESCRIPTION

SILVER STAR 009 is a very fine particle size silver dollar, non-leafing aluminum pigment. It offers excellent brightness and a narrow particle size distribution.

Non-leafing

PRODUCT APPLICATION

SILVER STAR 009 offers a very smooth patina and narrow particle size distribution, allowing the formulator to create very smooth, brilliant masstones or clean, vibrant colors.

TECHNICAL DATA

Grade	400 mesh grade
Screen Analysis (Max Retained)	0.01%
Non-Volatile By Weight (Target)	70% by weight
Non-Volatile By Volume (Calculated)	41.7% by volume
Particle Size-Microns (Target)	9
Specific Gravity	1.58
Weight Volume (lbs/gallon)	13.16
Solvent	Mixture of Mineral Spirits and High Aromatic (MS/HA)

INCORPORATION GUIDELINES

The paste should be pre-soaked 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 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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