

### TUFFLAKE® Premier 024 Aluminum Pigment

#### PRODUCT DESCRIPTION

TUFFLAKE Premier 024 is a large particle size, very bright, circulation-resistant silver dollar aluminum pigment. It offers a bright face and a dark flop with a clean, brilliant sparkle. This product is recommended for use in high quality automotive finishes and on automotive component parts where good hiding and improved chromatic pigment development are required.

Circulation-Resistant  
Regular Purity  
Non-leafing  
Silver Dollar  
OEM/Refinish

#### PRODUCT APPLICATION

TUFFLAKE Premier 024 is applicable for use in automotive OEM, refinish, and wheel coatings. It is a circulation-resistant aluminum pigment specifically designed to withstand mechanical forces and maintain its target appearance. It performs well in both electrostatic Bell-Bell and air-assisted siphon applications and is recommended for base coat/clear coat finishes resulting in high gloss.

#### TECHNICAL DATA

Grade	325 mesh grade
Screen Analysis (Max Retained)	0.01%
Non-Volatile By Weight (Target)	78% by weight
Non-Volatile By Volume (Calculated)	51.8% by volume
Particle Size-Microns (Target)	24
Specific Gravity	1.79
Weight Volume (lbs/gallon)	14.91
Solvent	Mixture of Mineral Spirits and High Aromatic

#### 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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