

## Product Information

### L-20245 Aluminium Paste

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#### PRODUCT DESCRIPTION

- Non-leafing aluminium flake pigment
- Fine particle size, high opacity

#### PRODUCT APPLICATION

L20245 is a superfine aluminium flake pigment. It is colouristically similar to E1145 with very high coverage, but is manufactured to a wider colour specification. The recommended application is solvent-based inks, especially screen applied inks for scratch cards and lottery tickets.

#### TECHNICAL DATA

Screen Analysis (Max Retained)	99.9% through a 400 mesh (Wet Method)
Non-Volatile By Weight (Target)	64.0% (Target)
Particle Size-Microns (Target)	8.3µm (Target By Malvern Mastersizer)
Specific Gravity	1.46
Mineral Spirits	36.0% (Target)
Moisture Content	0.15% (Maximum)

#### INCORPORATION GUIDELINES

The paste should be soaked in about its own weight of solvent, ideally for one to eight hours. If using solvent alone is not feasible, the liquid coating medium can be substituted, but the dispersion time may be extended. Dispersion is best achieved by low energy stirring, using a slow speed blade capable of moving the whole mass. Further solvent or medium may be added at this stage. When a smooth consistency, free of soft aggregates has been obtained, the balance of the formulation may be slowly added. High shear should be avoided as it bends and breaks the flakes, reducing their brightness.

#### 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 Safety Data Sheet (SDS) for this product, available from Silberline upon request. An SDS is supplied with all samples of this grade.

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