

Product Name: DPI-860 Ceramic Marking Temperature Resistant White Ink

Substrates Marked

Preferred: Ceramic

Acceptable: Sample marking to determine specific applications

Product Specifications/Characteristics

UN Number	1210	Flash Point	16° F (-9°C)
Type	Ink Jet	Recommended Storage	32°- 90° F (0°C – 32.2°C)
Colorant	Pigment	Shelf Life	1 years
Viscosity	Liquid	Package	Vapor barrier polyethylene
Drying Time	5-10 seconds	Unit	Various
Open Time	N/A	Density	7.78 lbs/gal
DOT Regulations	Flammable	RCRA Waste Number	D001, D035, F005
VOC	83 g/l	Thinner	N/A
SDS Sheet Number	5858	Cleaner	SCP-700C
HMIS Rating	1-3-0	NFPA Rating	1-3-0
Carcinogen	No	Specific Gravity	0.934

Description/Special Properties

Pigmented ink that is to be used for printing on ceramic substrates. Dot size must be greater than 500 regardless of application. Sample marking should be conducted to confirm proper adhesion and dry time requirements. Dry time varies depending on substrate and ambient conditions. Ink can be used normally to print on heated substrates up to 400°F (204.4°C). Between 400°F to 450°F (204.4°C to 232.2°C), dot size adjustments may be necessary for proper printing. This ink is not recommended to be used on substrates in excess of 450°F (232.2°C) at time of printing. Dried ink film is heat resistant up to 1202°F (650°C) and will retain color and opacity when heated and then cooled to ambient conditions. A Matthews circulating pigmented ink delivery system is required for proper operation. It is critical to follow the detailed procedures defined in the Matthews ink system instruction manual for proper maintenance and operation.

Application/Compatibility

Printhead: 8000+ (Maxi only)

Rubber Compounds: N/A

Formulations Available

Item Number	Unit of Measure
71085648	Case of 6 x 1 Liter Bottles
71085656	Swedot Case of 6 x 1 Liter Bottles
71085643	Case of 4 x 4 Liter Bottles
71085642	Case of 2 x 4 Liter Bottles
71085644	5 Gallon Pail

A Safety Data Sheet is furnished with every order.

Original Date: June 21, 2016

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