

Product Name: M-242 Offset Ink

Substrates Marked

Preferred: Stainless Steel, Tin and various plastics
Acceptable: Aluminum, Brass, Copper, Iron, Steel, Acetate, Epoxy, Polycarbonate, Paper and Wood

Product Specifications/Characteristics

UN Number	N/A	Flash Point	153° F (67°C)
Type	Offset	Recommended Storage	32°- 90° F (0°C – 32.2°C)
Colorant	Pigment	Shelf Life	1 year
Viscosity	Semi-Paste	Package	Vapor barrier polyethylene
Drying Time	30-60 minutes	Unit	See chart below
Open Time	6-8 hours	Density	See chart below
DOT Regulations	N/A	RCRA Waste Number	N/A
VOC	See chart below	Thinner	#7 (fast) or #3 (slow)
SDS Sheet Numbers	See chart below	Cleaner	#1
HMIS Rating	2*-2-0	NFPA Rating	2-2-0
Carcinogen	No	Specific Gravity	See chart below

Description/Special Properties

It is resistant to oil and gasoline after marking. Substrate must be clean prior to marking. Good adhesion, opacity and weatherability. Thixotropic – will liquefy when stirred. It is self-soluble. Possesses similar characteristics to M-615 but is oil resistant.

Application/Compatibility

Printhead: Matthews Offset Printer
Rubber Compounds: R-200, R-300 and R-500

Formulations Available

Color	Item Number	Unit of Measure	VOC	Density	Specific Gravity	SDS Number
Black	71000364	Case of 6 x 1 Liter Bottles	514 g/l	9.22 lbs/gal	1.106	5536
Brite Blue	71000366	Case of 6 x 1 Liter Bottles	431 g/l	11.40 lbs/gal	1.369	5539
Dark Green	71000369	Case of 6 x 1 Liter Bottles	517 g/l	9.29 lbs/gal	1.115	5543
HB Red Blue	71000376	Case of 6 x 1 Liter Bottles	461 g/l	9.07 lbs/gal	1.089	5545
Light Green	71000374	Case of 6 x 1 Liter Bottles	462 g/l	11.45 lbs/gal	1.375	5558
NL Emerald Green	71000380	Case of 6 x 1 Liter Bottles	480 g/l	10.71 lbs/gal	1.268	5548

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Color	Item Number	Unit of Measure	VOC	Density	Specific Gravity	SDS Number
NL Yellow	71000382	Case of 6 x 1 Liter Bottles	487 g/l	10.59 lbs/gal	1.271	5554
PMS287C Blue	71000388	Case of 6 x 1 Liter Bottles	574 g/l	10.03 lbs/gal	1.204	5555
Red	71000370	Case of 6 x 1 Liter Bottles	471 g/l	9.15 lbs/gal	1.099	5556
White	71000372	Case of 6 x 1 Liter Bottles	420 g/l	10.91 lbs/gal	1.310	5557

A Safety Data Sheet is furnished with every order.

Original Date: November 9, 2012

Revision Date: August 30, 2017