

Product Name: M-149 Offset Ink

Substrates Marked

Preferred: Buna-N Rubber and PVC

Acceptable: Acetate, EPDM, ETFE, Epoxy, Fabric, Mylar, Natural Rubber, Neoprene, Nylon, Urethane

Product Specifications/Characteristics

UN Number	1210	Flash Point	111° F (44°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	Flammable	RCRA Waste Number	D001, F003
VOC	See chart below	Thinner	#10 (fast) or #11 (slow)
SDS Sheet Numbers	See chart below	Cleaner	#10
HMIS Rating	2*-2-0	NFPA Rating	2-2-0
Carcinogen	Yes	Specific Gravity	See chart below

Description/Special Properties

Good adhesion and opacity. It has excellent color fastness and weatherability. Thixotropic – will liquefy when stirred. It is self-soluble. Good abrasion resistance. (See M-249 for slow dry applications.) (See M-549 for fast dry applications.) (See M-231 for lower viscosity gravure version.)

Application/Compatibility

Printhead: Matthews Offset Printer

Rubber Compounds: R-500

Formulations Available

Color	Item Number	Unit of Measure	VOC	Density	Specific Gravity	SDS Number
Black	71002784	Case of 6 x 1 Liter Bottles	694 g/l	8.97 lbs/gal	1.076	4688
Black	71000247	5 Gallon Pail	694 g/l	8.97 lbs/gal	1.076	4688
Black – Low Odor	71000285	Case of 6 x 1 Liter Bottles	694 g/l	8.61 lbs/gal	1.033	5150
Blue	71002785	Case of 6 x 1 Liter Bottles	701 g/l	8.60 lbs/gal	1.033	5153
Blue	71000250	5 Gallon Pail	701 g/l	8.60 lbs/gal	1.033	5153
Deep Red	71000281	Case of 6 x 1 Liter Bottles	681 g/l	8.93 lbs/gal	1.072	5155
FR Black	71000227	Case of 6 x 1 Liter Bottles	628 g/l	8.54 lbs/gal	1.025	5156
Green	71000254	Case of 6 x 1 Liter Bottles	689 g/l	9.20 lbs/gal	1.104	5157
Green	71000253	Case of 6 x 1 Liter Bottles	689 g/l	9.20 lbs/gal	1.104	5157
MMS Sp Blue	71078224	5 Gallon Pail	694 g/l	9.16 lbs/gal	1.100	5158

Product Name: M-149 Offset Ink

Color	Item Number	Unit of Measure	VOC	Density	Specific Gravity	SDS Number
NL Brown	71000275	Case of 6 x 1 Liter Bottles	676 g/l	9.45 lbs/gal	1.134	5159
NL Orange	71000273	Case of 6 x 1 Liter Bottles	660 g/l	9.77 lbs/gal	1.172	5160
NL Orange	71005720	5 Gallon Pail	660 g/l	9.77 lbs/gal	1.172	5160
NL Red	71002787	Case of 6 x 1 Liter Bottles	728 g/l	8.62 lbs/gal	1.035	5161
NL Red	71000267	5 Gallon Pail	728 g/l	8.62 lbs/gal	1.035	5161
NL Red-Orange	71000279	Case of 6 x 1 Liter Bottles	688 g/l	9.18 lbs/gal	1.102	5162
NL Yellow	71002788	Case of 6 x 1 Liter Bottles	688 g/l	9.69 lbs/gal	1.163	5163
NL Yellow	71000270	5 Gallon Pail	688 g/l	9.69 lbs/gal	1.163	5163
PMS5767 Green	71000291	Case of 6 x 1 Liter Bottles	687 g/l	9.29 lbs/gal	1.115	5165
Process Blue	71000296	Case of 6 x 1 Liter Bottles	671 g/l	9.93 lbs/gal	1.192	5166
Purple	71000265	Case of 6 x 1 Liter Bottles	606 g/l	9.73 lbs/gal	1.169	5167
Silver	71000263	Case of 6 x 1 Liter Bottles	851 g/l	8.56 lbs/gal	1.028	5174
Special Green	71000294	Case of 6 x 1 Liter Bottles	682 g/l	9.11 lbs/gal	1.093	5175
Special Orange	71000287	Case of 6 x 1 Liter Bottles	654 g/l	9.66 lbs/gal	1.160	5177
Spectra Blue	71000298	Case of 6 x 1 Liter Bottles	686 g/l	9.61 lbs/gal	1.154	5181
Standard Grey	71000261	Case of 6 x 1 Liter Bottles	685 g/l	10.06 lbs/gal	1.208	5184
Warm Red	71000289	Case of 6 x 1 Liter Bottles	673 g/l	10.26 lbs/gal	1.231	5187
White	71002786	Case of 6 x 1 Liter Bottles	683 g/l	10.15 lbs/gal	1.219	5190
White	71000256	5 Gallon Pail	683 g/l	10.15 lbs/gal	1.219	5190

A Safety Data Sheet is furnished with every order.

Original Date: November 9, 2012

Revision Date: March 23, 2017