

Product Name: M-656 Offset Ink

Substrates Marked

Preferred: Various types of rubber products (cured and uncured)
Acceptable: N/A

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	8 hours	Density	See chart below
DOT Regulations	Flammable	RCRA Waste Number	N/A
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	No	Specific Gravity	See chart below

Description/Special Properties

Version of M-156 Offset Ink without Isophorone or any Phthalates. Developed as more environmentally friendly version of M-156. Good adhesion and opacity. Primarily used for hose and other extruded rubber products. Excellent heat stability. Withstands vulcanization temperatures to 400°F (204.4°C). Excellent light fastness and weatherability. Resistant to some oils and water. Thixotropic – will liquefy when stirred. Self solubilizing. Can also be used with steam retort curing systems and some lead jacket curing systems. Elevated temperatures will reduce drying times.

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	71002589	Case of 6 x 1 Liter Bottles	818 g/l	8.56 lbs/gal	1.208	5191
Dark Blue	71002590	Case of 6 x 1 Liter Bottles	808 g/l	8.58 lbs/gal	1.030	5192
Light Blue	71002591	Case of 6 x 1 Liter Bottles	767 g/l	10.15 lbs/gal	1.219	5194
Randy Green	71002597	Case of 6 x 1 Liter Bottles	791 g/l	9.89 lbs/gal	1.188	5195
Red	71002593	Case of 6 x 1 Liter Bottles	768 g/l	9.57 lbs/gal	1.149	5196
Special Red	71002598	Case of 6 x 1 Liter Bottles	755 g/l	9.04 lbs/gal	1.085	5198
White	71002595	Case of 6 x 1 Liter Bottles	785 g/l	9.91 lbs/gal	1.189	5202

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Color	Item Number	Unit of Measure	VOC	Density	Specific Gravity	SDS Number
Yellow	71002596	Case of 6 x 1 Liter Bottles	761 g/l	10.73 lbs/gal	1.288	5201
Yellow	71012543	Case of 6 x 1 Liter Bottles	761 g/l	10.73 lbs/gal	1.288	5201

A Safety Data Sheet is furnished with every order.

Original Date: February 6, 2014

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