

Product Name: M-696 Offset Ink

Substrates Marked

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

Product Specifications/Characteristics

UN Number	N/A	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	N/A	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

Version of M-156 Offset Ink without any Phthalates. It was developed as a more environmentally friendly version of M-156. Good adhesion and opacity. Primarily used for hose and other extruded rubber products. Excellent heat stability. It 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-soluble. 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	71075720	Case of 6 x 1 Liter Bottles	803 g/l	8.41 lbs/gal	1.010	5447
Brown	71013775	Case of 6 x 1 Liter Bottles	769 g/l	9.28 lbs/gal	1.113	5449
Green	71012549	Case of 6 x 1 Liter Bottles	759 g/l	10.10 lbs/gal	1.213	5450
Grey	71064592	Case of 6 x 1 Liter Bottles	815 g/l	9.18 lbs/gal	1.012	5451
Light Blue	71012553	Case of 6 x 1 Liter Bottles	755 g/l	9.99 lbs/gal	1.199	5453
Orange	71012551	Case of 6 x 1 Liter Bottles	732 g/l	8.77 lbs/gal	1.053	5454
PMS568 Green	71080193	Case of 6 x 1 Liter Bottles	756 g/l	9.89 lbs/gal	1.187	5455
Red	71012555	Case of 6 x 1 Liter Bottles	755 g/l	9.41 lbs/gal	1.130	5457
White	71012549	Case of 6 x 1 Liter Bottles	724 g/l	11.59 lbs/gal	1.391	5459
Yellow	71013088	Case of 6 x 1 Liter Bottles	768 g/l	9.82 lbs/gal	1.179	5461

A Safety Data Sheet is furnished with every order.

Original Date: November 29, 2012

Revision Date: June 21, 2016