

Product Name: M-173 Glass Marking Offset Ink

Substrates Marked

Preferred: Glass
Acceptable: Ceramic

Product Specifications/Characteristics

| | | | |
|--------------------------|-----------------|----------------------------|----------------------------|
| UN Number | 1210 | Flash Point | 212° F (100°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 | 8-10 hours | Density | See chart below |
| DOT Regulations | Flammable | RCRA Waste Number | D001 |
| VOC | See chart below | Thinner | #3 (slow) |
| SDS Sheet Numbers | See chart below | Cleaner | #1 |
| HMIS Rating | 1-1-0 | NFPA Rating | 1-1-0 |
| Carcinogen | Grey, NL White | Specific Gravity | See chart below |

Description/Special Properties

Good adhesion before fusing. Permanent mark following fusion in a temperature range of 900° - 1100° F (482° - 593° C). Thixotropic – will liquefy when stirred. Self-solubilizing. Resistant to heat, UV and water. Ceramic (frit type) pigment fuses to glass during tempering operations.

Application/Compatibility

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

Formulations Available

| Color | Item Number | Unit of Measure | VOC | Density | Specific Gravity | SDS Number |
|----------|-------------|-----------------------------|---------|---------------|------------------|------------|
| Black | 71000496 | Case of 6 x 1 Liter Bottles | 220 g/l | 8.11 lbs/gal | 0.974 | 5779 |
| Grey | 71000498 | Case of 6 x 1 Liter Bottles | 245 g/l | 9.93 lbs/gal | 1.192 | 5604 |
| NL White | 71002792 | Case of 6 x 1 Liter Bottles | 245 g/l | 10.00 lbs/gal | 1.200 | 5607 |

A Safety Data Sheet is furnished with every order.

Original Date: December 1, 2012

Revision Date: June 14, 2016
