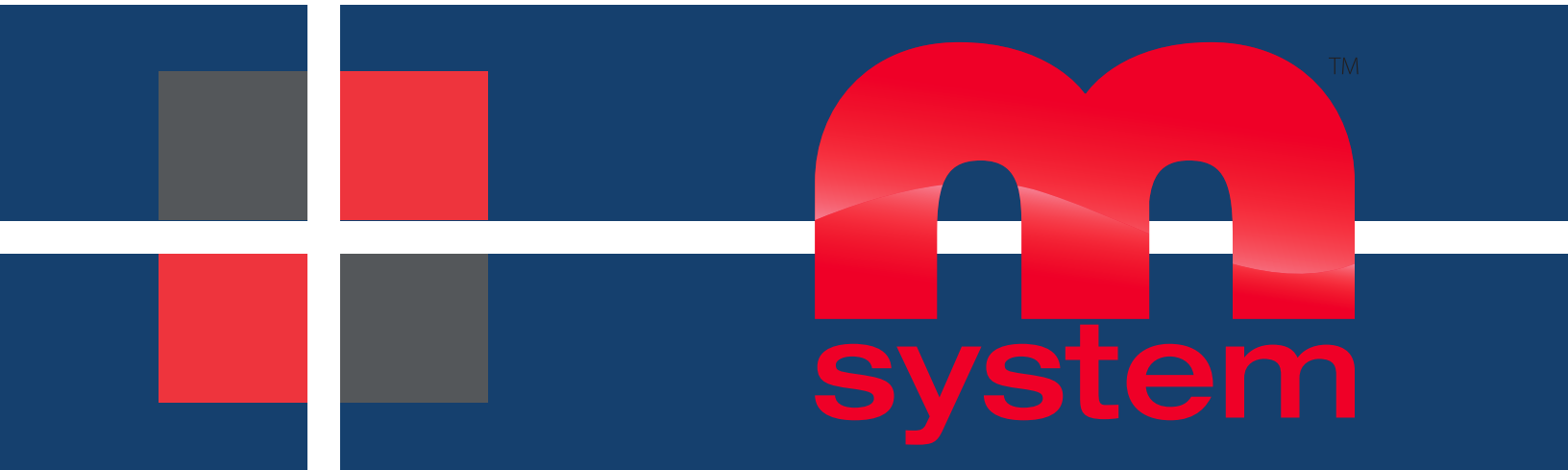


# M Cap 45

## Photopolymer Capping Resin



### Liquid Capping Technology to Dramatically Improve Your Print Quality

MacDermid M Cap 45 liquid photopolymer is a 45 durometer (Shore A) cap resin designed primarily for corrugated printing applications. It is used in conjunction with a softer base resin to produce capped printing plates for high-quality and process color printing. M Cap 45 has a modified photospeed that keeps reverses more open from negative to plate, thereby broadening overall tone range capability. Its low durometer and high resilience improves ink transfer, allowing for a unique combination of reduced fluting and excellent solids coverage.

#### TECHNICAL SPECIFICATIONS

M Cap 45 is packaged in 5 gallon (40 lbs., 18 kg., net wt.) containers. To be used with LTL, LTS, and MRC.

##### **Performance Specifications**

Cap thickness: 0.004 - 0.007 in.  
Tone range reproduction: 2 - 95%  
Line screen max: 120 lpi

##### **Physical Properties**

Hardness (Shore A): 45  
Appearance: Clear  
Cloud Point: 41°F (5°C)  
Freezing Point: < 32°F (0°C)  
Temp to Thaw: 68°F (20°C)

Washout Chemistry: M Clean Detergent

#### STORAGE HANDLING

Liquid photopolymer resins should be stored below 95° F (35° C), out of direct sunlight. Special lighting is not required in the platemaking area. Resin should be allowed to equilibrate to platemaking room temperature prior to use.

#### PRODUCT SAFETY

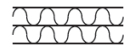
As with any platemaking product, read and understand the Material Safety Data Sheet (MSDS) before using this product. Good industrial hygiene and safe handling practices are advised when handling this product.

#### KEY FEATURES

- Improved tonal range, deeper reverses
- Reduction in dot gain and fluting while maintaining solid ink density

#### SEGMENTS/APPLICATIONS

Corrugated



**FOR MORE INFORMATION, PLEASE CONTACT:**  
📍 5210 Phillip Lee Drive, Atlanta GA 30336  
☎ 404.696.4565 ➔ [macdermid.com/graphics](http://macdermid.com/graphics)