

## PURPOSE

MAGIC KOTE is a specially designed form release that provides:

1. Improved release of formwork.
2. Reduced concrete buildup.
3. Reduced cleaning of formwork.
4. Protects formwork against rust.
5. No residue, stain or discoloration.

## DESCRIPTION

MAGIC KOTE is a chemically neutral, diesel free form release in a hydrocarbon carrier. It is water insoluble, low sulfur and contains no waxes.

## PACKAGING

MAGIC KOTE is packaged in 275 gallon (1040.9 L) totes, 55 gallon (208.2 L) drums and 5 gallon (18.9 L) pails.

## STANDARDS

MAGIC KOTE meets V.O.C. emission requirements for form releases (EPA limit 450 g/L).

MAGIC KOTE meets Corps of Engineers CW-03101, Section 2.1.2 and conforms to guidelines of ACI 301 and ACI 303.

## APPLICATION

**Storage:** Containers should be tightly closed and properly stored. Prevent accumulation of water, dirt or other residue on covers.

**Preparation:** Formwork surfaces should be clean and dry before applying MAGIC KOTE. For best results, remove any dirt, rust, scale or concrete before application.

Formwork surfaces that have been previously treated with reactive form release should be cleaned with detergent and warm water, then thoroughly rinsed and dried.

**Coverage:** Spray application of MAGIC KOTE is recommended with uniform coverage per gallon as follows:

Steel, Plastic	2000 ft <sup>2</sup>	(49.0 m <sup>2</sup> /L)
MDO Plywood	1500 ft <sup>2</sup>	(36.8 m <sup>2</sup> /L)
BB Grade Plyform	1000 ft <sup>2</sup>	(24.5 m <sup>2</sup> /L)
Dimensional Lumber	1000 ft <sup>2</sup>	(24.5 m <sup>2</sup> /L)

Actual application rates depend on the type of forming surface. For example, plywood will absorb more material than steel formwork.

MAGIC KOTE may also be applied by roller or brush, but prevent build-up and overapplication of material.

Excess material or “puddles” should be removed with a squeegee and absorbent rags.

When properly applied, MAGIC KOTE will not leave any residue or stain on the concrete. Formed concrete surfaces will accept subsequent surface coatings.

Unusual applications or conditions may require the technical assistance of a Symons representative.

## LIMITATIONS

MAGIC KOTE is not recommended for untreated Masonite, untreated paper, aliphatic soluble form liner and form surfaces that exceed 160°F (71°C).

MAGIC KOTE should not be applied to reinforcing steel.

MAGIC KOTE should not be used as a bondbreaker.

## SHELF LIFE

Shelf life of MAGIC KOTE in properly stored containers is one year.

## PRECAUTIONS

It is mandatory to take the following precautions to protect workers and the public:

1. KEEP OUT OF THE REACH OF CHILDREN.
2. This product is combustible. Keep away from excessive heat and open flame.
3. Avoid inhalation of vapors. Ensure adequate ventilation.
4. Avoid contact with skin. Protective clothing is recommended. Contact areas should be thoroughly washed with soap and water.
5. Avoid contact with eyes. Protective goggles are recommended in case of splashing. Flush eyes with water if contact occurs.
6. Avoid ingestion of material. If ingestion occurs, contact a poison center or physician.

Additional precautions, safety information and first aid treatments are contained in the Material Safety Data Sheet.

#### **WARRANTY**

Symons warrants, for 12 months from the date of manufacture, or for the duration of the published product shelf life, whichever is less, that at the time of shipment by Symons, the product is free of manufacturing defects and conforms to Symons' published specifications in force on the date of acceptance by Symons of the order. Symons shall only be liable under this warranty if the material has been applied, used, and stored in accordance with Symons instructions in this technical data sheet.

The purchaser must examine the product when received and promptly notify Symons in writing of any nonconformity before the product is used, or no later than 30 days after such nonconformity is first discovered. If Symons, in its sole discretion, determines that the product breached the above warranty, it will, in its sole discretion, replace the nonconforming product, refund the purchase price or issue a credit. This is the sole and exclusive remedy for breach of this warranty.

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