

## PURPOSE

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

## V.O.C. CONTENT

Less than 250 g/l. Complies with all U.S V.O.C regulations for Concrete Form Release agents, including Federal EPA, OTC, LADCO, SCAQMD and CARB.

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

MAGIC KOTE VOC should not be applied to reinforcing steel.

MAGIC KOTE VOC should not be used as a bond-breaker.

## SHELF LIFE

Shelf life of MAGIC KOTE VOC in properly stored containers is 24 months.

## 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.

Only a Symons officer is authorized to modify this warranty. The sales information on the Symons website and received by the customer during the sales process does not supersede this warranty and the specifications of the product in force on the date of sale. THE FOREGOING WARRANTY SHALL BE EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND ALL OTHER WARRANTIES OTHERWISE ARISING BY OPERATION OF LAW, COURSE OF DEALING, CUSTOM, TRADE OR OTHERWISE.

**LIMITATION OF LIABILITY**

Symons shall not be liable, in contract or in tort (including, without limitation, negligence, strict liability or otherwise) for loss of sales, revenues or profits; cost of capital or funds; business interruption or cost of downtime, loss of use, damage to or loss of use of other property (real or personal); failure to realize expected savings; frustration of economic or business expectations; claims by third parties (other than for bodily injuries), or economic losses of any kind; or for any special, incidental, indirect, consequential, special, punitive or exemplary damages arising in any way out of the performance of, or failure to perform, this Agreement, even if Symons could foresee or has been advised of the possibility of such damages. The Parties expressly agree that these limitations on damages are allocations of risk constituting, in part, the consideration for this agreement, and also that such limitations shall survive the determination of any court of competent jurisdiction that any remedy provided in these terms or available at law fails of its essential purpose.

**MANUFACTURER**

Symons  
2400 Arthur Avenue  
Elk Grove Village, IL 60007  
General: 847-298-3200  
FAX: 847-635-9287

[www.symons.com](http://www.symons.com)  
[info@symons.com](mailto:info@symons.com)  
Technical: 877-854-0643  
Fax: 913-279-4806

© 2009