

## PURPOSE

LINER KOTE is a specially designed form liner release that provides:

1. Improved release of form liner.
2. Reduced buildup on form liner.
3. Less "run down" than other products.
4. Conditioning of urethane form liner.
5. Finished surface free from residue.

## DESCRIPTION

LINER KOTE is a chemically neutral, diesel free release agent in a buffered oil carrier. It is water insoluble, low sulfur and contains no waxes.

## PACKAGING

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

## STANDARDS

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

LINER KOTE meets V.O.C. compliance for the State of California, Regulation 8, Organic Compounds, Rule 3, Architectural Coatings (CA limit 250 g/L).

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

## APPLICATION

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

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

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

**Coverage:** Spray application is recommended at a rate of 750 ft<sup>2</sup>/gal (18.3 m<sup>2</sup>/L) depending on the form liner material and pattern features.

An industrial sprayer with Chapin 1-5935 (110°, 1 gallon per minute) nozzle or equivalent, maintaining 40 psi (2.8 BAR) pressure is recommended.

When used as a conditioner for new urethane form liner surfaces, LINER KOTE should be thoroughly scrubbed with a stiff bristle brush immediately after application, then reapplied prior to using the form liner.

The spraying angle must be varied to ensure proper coverage of all form liner pattern features.

Excess material or "puddles" should be removed from pattern features with a squeegee and absorbent rags.

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

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

## LIMITATIONS

LINER KOTE is not recommended for foam type form liners. It is also not recommended for treated aluminum formwork, untreated Masonite, untreated paper, pre-oiled plywood and form surfaces that exceed 160°F (71°C).

## SHELF LIFE

Shelf life of LINER KOTE in unopened containers is approximately 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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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**

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