



# ChemMasters®

## SPECIALTY CONSTRUCTION PRODUCTS

# Release<sup>12</sup>

Highly Purified Form Release Agent  
for Decorative Concrete

## P R O D U C T      D A T A

### DESCRIPTION

**Release<sup>12</sup>** is a clean light straw colored form release agent for use with decorative and architectural concrete, precast, and form and pour applications. Its dual action formulation is lightly reactive with improved barrier characteristics and a pleasant cherry scent.

### USES

- Decorative poured in place or formed concrete
- Plywood, wood, fiberglass, plastic faced wood, steel, and aluminum forms
- Equipment such as paving machines, bucket hoists, concrete pumps, and buggies
- Metal door and window frames

### ADVANTAGES

- Promotes clean positive release of forms - reduces imperfections such as bug holes and honeycombs
- Minimizes staining even with white concrete
- Minimizes dusting of formed surfaces
- Dual action-barrier and lightly reactive
- Extends the life of all forms, inhibits oxidation of metal forms
- Reduces labor cost of stripping and cleaning forms or equipment
- Economical application rates
- Pleasant cherry scented fragrance
- Clings well to vertical surfaces

Packaging / Part Number		
5 gal / 18.9 L	36/pallet	F6005.00MS
Drums 55 gal / 208L	4/pallet	

Estimating Guide	
Material	ft <sup>2</sup> / gal (m <sup>2</sup> /L)
Wood, plywood	600 to 800 (14 to 19)
Plastic faced plywood	1200 to 1500 (29 to 37)
Steel, aluminum	1200 to 1500 (29 to 37)
Smooth fiberglass	1200 to 1500 (29 to 37)

### TECHNICAL DATA

**Release<sup>12</sup>** complies with Ozone Transport Commission Standards for Volatile Organic Compounds (VOC) and Federal EPA Regulation 40 CFR Part 59.

Physical Test Data	
Procedure	Data
VOC content	< 250 g/L
Solids	>90%
Density	7.0 lbs / gal (+/- 0.10 lb)
ASTM D97 Pour Point	-11°F / -24°C
Flash Point (TCC)	>105°F / 41°C
Gardner Color	2

### DIRECTIONS

**Surface Preparation:** Forms must be clean and free of any dust, dirt, laitance, hardened concrete or residue that might discolor new concrete.

**Mixing:** **Release<sup>12</sup>** does not require mixing.

**Application:** Apply **Release<sup>12</sup>** with a brush, roller, or pressurized sprayer. Wipe off excess and drips with a clean soft rag. Wait a minimum of 30 minutes before pouring concrete.

**New Wood Forms:** Apply initial coat of **Release<sup>12</sup>** at a rate of 800 ft<sup>2</sup>/gal (1.9m<sup>2</sup>/L) do not wipe. Allow **Release<sup>12</sup>** to absorb into wood surfaces. For extremely porous forms a second saturation coat may be necessary prior to first use. Allow forms to dry and recoat. Wipe off any excess before pouring concrete.

**Cleanup:** Clean tools and equipment used to apply **Release<sup>12</sup>** with mineral spirits.



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February 2013

## Storage

Store tightly sealed containers in cool dry area away from direct sunlight and sources of heat. The shelf-life of properly stored material is two years.

## Limitations

- Do not use as a tilt up bond breaker
- Do not over apply. Excess form release agents can cause defects, voids, and bug holes on formed surface
- In cold weather condition material to 50°F (10°C) prior to application

May cause eye, skin and respiratory tract irritation. Use with adequate ventilation. Do not take internally.

Make certain that the most current versions of the product data sheet and SDS are being used. Go to [www.chemmasters.net](http://www.chemmasters.net) or contact ChemMasters customer service at 1-800-486-7866 to verify the most current version.

Proper application is the responsibility of the user. ChemMasters can only make technical recommendations and cannot provide quality control on the jobsite.

**KEEP OUT OF REACH OF CHILDREN**

### **This Product is Formulated and Labeled for Industrial and Commercial Use Only**

FOR BEST RESULTS AND SAFEST USAGE, USER IS SPECIFICALLY DIRECTED TO CONSULT THE CURRENT MATERIAL SAFETY DATA SHEET AND PACKAGE LABEL FOR THIS PRODUCT. We warrant our products to meet our published specifications and to be free from defects in materials and workmanship to the acceptable quality levels defined in these specifications. If acceptable quality levels are not specified, the acceptable quality levels will be those normally supplied by us for the product. We make no guarantee of the results to be obtained from the use of our products. The determination as to the adaptability of any of our products to the specific needs of the Buyer is solely Buyer's prerogative and responsibility. We are glad to offer suggestions on the use of our products. Nevertheless, there are no warranties given except such expresses warranties offered in connection with the sale of a particular product. Our liability shall be limited to replacement of, or refund of an amount not to exceed the purchase price attributed to, the goods as to which such claim is made. Our selection of one of these alternatives shall be Buyer's exclusive remedy. IN NO CASE SHALL WE BE LIABLE FOR CONSEQUENTIAL OR SPECIAL DAMAGES, EVEN IF WE HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THE FOREGOING WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES, GUARANTEES, CO-CONDITIONS AND REPRESENTATIONS, EITHER EXPRESSED OR IMPLIED, WHETHER ARISING UNDER ANY STATUTE, COMMON LAW, USAGE OR TRADE, COURSE OF DEALING OR OTHERWISE, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.