



ChemMasters®

SPECIALTY CONSTRUCTION PRODUCTS

Release

Hydro-Treated Oil Concrete Form Release Agent

P R O D U C T D A T A

DESCRIPTION

Release is an oil-based, hydro-treated oil, dual action reactive concrete form release agent. Its dual action formulation is lightly reactive with improved barrier characteristics. **Release** has a pleasant cherry scent. **Release** is a good general purpose release agent.

USES

- Plywood, high density plywood (HDP), wood, fiberglass, steel, urethane, and aluminum forms
- Poured in place or formed concrete
- 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 in the concrete
- 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 aroma
- Clings well to vertical surfaces

Packaging / Part Number

5 gal (18.9L)	36 pails/pallet	F6005.05
55 gal (208L)	4 / pallet	F6005.55

TECHNICAL DATA

Release complies with Ozone Transport Commission standards for Volatile Organic Compounds (VOC) and Federal EPA Regulation 40 CFR Part 59.

Estimating Guide

ft²/gal (m²/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)

TEST DATA

VOC	<250g/L
Solids	>60%
Density	7.0lbs/gal (+/- 0.10lb)
ASTM D97 Pour Point	-11°F (-24°C)
Flash Point (TTC)	>105°F (41°C)
Gardner Color	11 to 13

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 does not require mixing and should never be diluted.

Application: Apply **Release** 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** at a rate of 800 ft²/gallon (1.9 m²/L) and do not wipe. Allow **Release** to absorb into wood surfaces. For extremely porous forms a second saturation coat may be necessary. Allow forms to dry between coats. Wipe off any excess **Release** before pouring concrete.

CLEANUP

Clean tools and equipment used to apply **Release** with mineral spirits.

STORAGE

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

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.



ChemMasters®

An American Owned & Operated Company

300 EDWARDS STREET • MADISON, OHIO 44057-3112 (440) 428-2105 • FAX (440) 428-7091 • ORDERLINE: (800) 486-7866 www.chemmasters.net

May 2021

Precautions:

WARNING: Combustible Liquid. May be Harmful if swallowed and enters airways. May be Harmful if inhaled. May cause respiratory irritation.

Make certain that the most current versions of the product data sheet and SDS are being used. Go to www.chemmasters.net or contact ChemMasters customer service at 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.

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.