



ChemMasters®

Release Gel

High Viscosity
Concrete Form Release Agent

SPECIALTY CONSTRUCTION PRODUCTS

P R O D U C T D A T A

DESCRIPTION

Release Gel is a water-based surface active ready to use form release agent. Its' heavy bodied gel provides maximum release characteristics. **Release Gel** stays where you put it. Use **Release Gel** for the most demanding form release applications. **Release Gel** is Volatile Organic Compound (VOC) compliant across the U.S.

USES

- Forms with shapes or radii that require maximum release characteristics.
- Plywood, high density plywood (HDP), wood, fiberglass, steel, and urethane forms.
- Poured in place or formed concrete.
- Equipment such as paving machines, bucket hoists, concrete pumps and buggies.
- Metal door and window frames (not for use with aluminum, brass, or bronze).
- Burial Vaults.

ADVANTAGES

- Promotes clean positive release of the most demanding shapes and radii within forms, reduces imperfections in the concrete.
- **Release Gel's** viscosity allows it to stay put even on vertical surfaces.
- Water-based for safety.
- Reduces scrap or repair costs of intricately formed products.
- Reduces labor cost of stripping and cleaning forms or equipment.
- Economical application rates - use as needed.

TECHNICAL DATA

Release complies with 40 Code of Federal Regulations (CFR) Part 59.

Estimating Guide	ft ² /gal (m ² /L)
Wood, Plywood	As needed
HDP	As needed
Plastic faced plywood, HDPE, urethane, steel, smooth fiberglass	As needed

TEST DATA

V.O.C.	<10g/L
Solids	25 to 35%
Density	1.0 g/ml (8.3lb/gal)
ASTM D97 Pour Point	n.a.
Flash Point (TTC)	>212°F/ 100°C
ASTM D1544 Gardner Color	<9

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 Gel does not require mixing and should never be diluted.

Application: Apply **Release Gel** with a brush, or gloved hand. Wipe off excess and drips with a clean soft rag. Wait a minimum of 30 minutes before pouring concrete.

Packaging /part number

40 lb (18.kg) pail	36 pails/pallet	6007.05
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ChemMasters®

An American Owned & Operated Company

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New Wood Forms: Apply initial coat of **Release Gel** as needed. Do not apply to excess. Allow to dwell approximately 30 minutes, remove excess material. For extremely porous forms a second coat may be necessary.

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

CLEANUP

Clean tools and equipment used to apply **Release Gel** with soap and water.

STORAGE

Store in cool dry area at 40 to 125°F (4 to 52°C). 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 **Release Gel** can cause defects, voids and bug holes on formed surface.
- Not for use with aluminum, brass, or bronze.
- In cold weather, condition to 50°F (10°C) prior to application.
- If previously frozen, condition to 50°F (10°C), and mix well before using.

CAUTION

May cause eye irritation. May cause skin irritation with prolonged or repeated contact with skin. Do not take internally.

KEEP OUT OF REACH OF CHILDREN.

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.

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.