



# ChemMasters

SPECIALTY CONSTRUCTION PRODUCTS

# FORMLAK<sup>HS</sup>

FORM RELEASE AND PROTECTIVE COATING



## P R O D U C T D A T A

### DESCRIPTION

FormLak™ is a unique polymer form release and coating for most types of rigid concrete forms. It is formulated to withstand repetitive use without re-coating. FormLak exhibits excellent release and protective characteristics.

### USES

- Wood, plywood and high density plywood, steel, aluminum and fiberglass (TPO) forms
- All types of metal chutes, tools, form stakes, power buggies, mixing drums
- Architectural and precast concrete, above and below grade poured in place walls and foundations, slab on grade wood or steel forms.

### ADVANTAGES

- Exceptional ease of form stripping and cleaning
- Produces clean, smooth grain-free architectural concrete surfaces
- Provides 60 to 80 reuses of forms before recoating; touch ups require only light sanding as preparation
- Protects metal forms from oxidizing, eliminates staining and discoloration of concrete surfaces
- Minimizes surface air voids, bugholes surface imperfections and dusting
- Never an oily residue, greatly reduces cost of subsequent surface cleaning and preparation
- Promotes adhesion of below grade waterproofing and coatings, above grade paints and decorative finishes
- Greatly extends service life of wood, plywood and HDP forms

### PACKAGING

FormLak is available in 5 U.S. gallon/18.9 liter pails, shipped 36 per pallet shrink wrapped.

### ESTIMATING GUIDE

Exact coverage will depend on form porosity and texture. Two coats are recommended to completely seal the surface and fill in any grain lines, knots or imperfections.

	Ft. <sup>2</sup> /gal.	M <sup>2</sup> /L
Wood, Plywood, HDP	250	6
Fiberglass, textured	300	7
Steel, aluminum	350	8.6
Second coat	400	10

### TECHNICAL DATA

- Complies with National Volatile Organic Compound Emission Standards for Architectural Coatings, Federal EPA Regulation 40 CFR Part 59

Solids	50%
V.O.C. Content:	431 gm/L
Dry Film Thickness per coat	2 mils
Abrasion Resistance	
<i>Taber 1000g/1000cycles/cs17 wheels</i>	10-20 mg
Flash Point	76°F 24°C

### DIRECTIONS

**SURFACE PREPARATION:** All forms must be free of dirt, dust, oil grease, concrete laitance, residual form release agents or other contaminants which might interfere with the adhesion of the coating to the surface. Allow forms to dry thoroughly before coating with FormLak.

**MIXING:** FormLak is a single component material and requires only gentle stirring before use. Once container is opened entire contents must be used within 4-6 hours. FormLak begins to cure on contact with air and will continue to gel even if container lid is replaced.

**APPLICATION:** Apply FormLak as a continuous film using a sprayer or solvent resistant brush or roller. Smaller pieces may be dipped to coat.



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FormLak dries to the touch in 30-40 minutes at 70°F/ 21°C with 50% relative humidity. When surface is tack free, apply second coat at right angles to first to ensure complete coverage. Allow final coat to dry at least 24 hours before placing forms.

**RECOATING:** Previously coated forms must be clean and dry. Lightly sand surface to be recoated. Touch up with FormLak at standard application rate for form composition. The number of uses between recoating is dependent on form maintenance and usage.

#### **CLEANUP**

Before FormLak dries and sets, use xylene or xylol to clean tools and equipment. Hardened material requires mechanical removal.

#### **STORAGE**

Store factory sealed, unopened containers in cool, dry area away from direct sunlight and sources of heat. Opened containers may be discarded as soon as any residual material has hardened. Shelf life of factory sealed containers is one year from date of manufacture.

#### **LIMITATIONS**

- Minimum application temperature is 50°F./10°C.
- Low temperatures and high humidity may slow drying process
- Do not use on expanded polystyrene (EPS) board or flexible form liners
- Once container of FormLak has been opened, all material must be used within 4-6 hours

#### **CAUTION**

Flammable liquid: Keep away from heat or open flames. Use with adequate ventilation. May cause skin, eye and respiratory tract irritation. Do not take internally. Keep out of reach of children.

All label precautions and the MSDS must be read and understood before using this product.

***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.*