



TECHNICAL DATA SHEET

AQUAFORM®

VOC Compliant – Release Agent for Concrete Forms

03100
CONCRETE FORMS AND ACCESSORIES
CONCRETE

TAMMS INDUSTRIES
JANUARY 2001 (Replaces 1/00)

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- DESCRIPTION:** AQUAFORM is a low cost, highly effective release agent for metal, plastic, wood and composition forms. It is a blend of natural organic chemicals which impart a waterproof film to prevent adhesion of concrete to the forms and provide for quick and easy release. AQUAFORM is supplied ready to use as a thin, milky white colored liquid of low viscosity. AQUAFORM is a VOC Compliant material.
- USES:** AQUAFORM is used to provide quick, clean release of forms from concrete, without staining and without pitting. AQUAFORM applied according to directions saves time and labor, reduces costs, and returns the forms for re-use in a clean and maintenance-free manner. AQUAFORM can be used on metal or plastic forms and on previously oiled or untreated plywood forms. It has excellent release properties, does not transfer wood grain markings and will not discolor or stain concrete. The quick, clean release of forms minimizes preparations for reuse. AQUAFORM lengthens the life of wood forms by preventing the penetration of water and consequent deterioration of the plywood. AQUAFORM lengthens the life of the steel forms by preventing corrosion. Hand rubbing, required for most architectural concrete, is greatly reduced by the smoother, denser concrete surface which results from use of AQUAFORM. AQUAFORM also minimizes finishing time by preventing stains, streaks, and reduces the transfer of grain markings to the concrete surface.
- COMPOSITION AND MATERIALS:** AQUAFORM is a waterbased form release agent that is VOC Compliant. It meets or exceeds the following specifications:
 - Corps of Engineers Guide Specification CE 1401.1 and CW 03101
 - Minnesota Department of Transportation Section 3902
- COLOR:** AQUAFORM is a milky white colored liquid.
- SURFACE PREPARATION:** Forms must be free from dirt, hardened concrete, and other extraneous matter. Before coating plywood panel surfaces, apply one, or preferably two, heavy brush coats to the edges to protect laminations.
- MIXING INSTRUCTIONS:** Mix AQUAFORM prior to use to ensure that settling has not occurred.
- APPLICATION TECHNIQUES:** AQUAFORM is applied by brush, spray, or roller to metal, plastic, or plywood forms. One or two heavy brushcoats should be applied to the edges of plywood forms to protect the laminations. The surface of forms should receive one light, uniform coat. Avoid excessive build-up and runs or puddles since an excess of coating may retard the concrete. For proper performance, always make sure brush is fully saturated with AQUAFORM. Attempts to “stretch or skinny” AQUAFORM will result in sub-standard performance of product. AQUAFORM should be applied evenly over the panel. One full coat provides proper protection. AQUAFORM will set and be ready to use within one hour on plywood; 2 hours on metal and plastic forms.
- COVERAGE:**

Plywood Forms	350-500 sq.ft./gal
Wood Composition Forms	350-500 sq.ft./gal
Metal Forms	800-1000 sq.ft./gal
Plastic Forms	800-1000 sq.ft./gal

Approximate rates may vary depending on porosity and texture of the surface.
- CLEAN-UP INSTRUCTIONS:** Clean tools or equipment with water and soap/detergent immediately following use. Clean drips and overspray while still wet. Dried AQUAFORM becomes very difficult to remove.
- CAUTIONS:** Do not thin or dilute AQUAFORM. Do not apply in rain, and protect from rain for at least 1 hour after application. Do not apply AQUAFORM when temperature is below freezing. AQUAFORM is not recommended when concrete is to be steamcured, or for tilt up work.
- ENVIRONMENTAL AND SAFETY PRECAUTIONS: Industrial Use Only.** AQUAFORM is a water based product and environmentally friendly. It can be irritating to the eyes and skin. In case of eye contact, flood eyes repeatedly with clean water and call a physician immediately. **DO NOT RUB EYES!** Wash hands

thoroughly with soap and water after handling or before smoking or eating. Do not take internally. **KEEP AWAY FROM CHILDREN AND ANIMALS.** Consult Material Safety Data Sheet for further information. EMERGENCY RESPONSE PHONE NUMBER: (800) 862-2667 TAMMS OR (800) 424-9300 CHEMTREC.

12.**PACKAGING:** AQUAFORM is available in 5 gallon pails and 55 gallon drums.

Storage: Dry, ventilated, 40-90°F (4-32°C). Protect from freezing.

Shelf Life: 1 year in properly stored.

Freight Class: Class 55 - NOT RED LABEL.

13.**TECHNICAL SERVICE:** For application procedures or surface conditions not specified above, please contact:

TAMMS INDUSTRIES
3835 State Route 72, Kirkland, IL 60146
800-862-2667 FAX: 815-522-2323
www.tamms.com

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