

# F-10 CONCENTRATE

## WATER DILUTABLE CASTOR OIL FORM RELEASE AGENT

**PRODUCT DESCRIPTION:** Specco F-10 Mold Release Agent Concentrate is a ready to use, modified castor oil designed for application where solvent or alcohol based releases are not permitted or preferred. F-10 contains a biodegradable wetting agent that allows dilution with water without resulting phase separation. F-10 will not transfer and allows hardened concrete to accept coatings, paints, or caulks without inter-coat adhesion problems. F-10 is recommended specifically for latex rubber mold compositions, however, it is safe to use on steel, plywood, aluminum fiberglass, ABS, urethane, Styrofoam, and plastic molds or form liners.

**BENEFITS:** V.O.C. COMPLIANT WATER DILUTABLE FORMULA...ENVIRONMENTALLY SAFE... ODORLESS ...NON-STAINING...MINIMIZES SURFACE DEFECTS AND VOIDS (BUGHOLES)...PREVENTS BUILD-UP ...COST EFFECTIVE CONCENTRATE

**COMPOSITION:** Blend of modified vegetable oils. Does not require reporting under SARA 313 (Community Right to Know).

PHYSICAL / TECHNICAL DATA:	APPROXIMATE VALUES at 70° F (22° C):
V.O.C. Content:	V.O.C. free
Weight per Gallon:	8.70 lb.
Flash Point:	>202° F (94° C)
Color:	Amber Liquid
Viscosity:	100-200 cps – Brookfield
pH (10% solution):	7.3

**VOC COMPLIANCE:** F-10 Concentrate contains less than 450 g/L (3.75 lb. /gal.) volatile organic compounds. Meets Architectural Coatings Section 183(e) Final Rule Limit for form release compounds for all states.

**DIRECTIONS FOR USE:** Form surfaces should be dry and free from any existing concrete build-up before applying F-10 Release Agent. For proper dilution, add 10 parts of water to 1 part of F-10 by volume and agitate or mix until clear. F-10 will remain phase stable upon dilution, however, stirring is always recommended before use of any emulsion to ensure proper consistency. The release application should be made using a conventional sprayer or by hand wiping with rollers, mops, or rags. Application rates will vary depending on the type of form and application method. For new wooden forms, the recommended application rate is 400-500 square feet per gallon while for used or seasoned wooden forms, apply at a higher rate of 700-800 square feet per gallon. For conventional plywood forms and concrete forming tubes, apply at 800-1000 square feet per gallon. For high density or urethane coated plywood forms, apply at 1200-1400 square feet per gallon. Metal forms (steel or aluminum) require a higher coverage of 1200-1500 square feet per gallon. For optimum results utilize a sprayed fogging or mist coat method to apply the release as thin as possible. Sprayers and equipment can be cleaned with soap and water when application is finished.

**CAUTIONS:** F-10 is cold weather sensitive and should be kept from freezing. Do not apply diluted emulsion below 33° F. Cold temperatures will effect viscosity, sprayability, and dry time on form or mold substrate. Consult Specco Industries technical service for suggestions or alternative product recommendations in sub-freezing applications. Do not take internally. Provide adequate ventilation during use. Protect treated surfaces from traffic until the concrete is poured. Wear protective clothing and safety glasses during application. Do not use compressed air to force the material from the drum. Do not over apply.

**WARNINGS:** Avoid contact with skin and eyes. Wear protective clothing and safety glasses during application. Keep away from food and drink. Do not take internally. Refer to product M.S.D.S. (Material Safety Data Sheet) for further health and safety information. FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.

**H.M.I.S. CODES:** HEALTH = 1, FLAMMABILITY= 0, REACTIVITY = 0, PERSONAL PROTECTION = C (GLOVES, GOGGLES, APRON)

**SHIPPING NAME:** COMPOUNDED VEGETABLE OIL

**SHIPPING CLASS:** ITEM 33880, SUB 2, LTL 55

**STORAGE:** Ideal storage between 60° to 80° F

**SHELF LIFE:** 1 year properly stored.

**LIMITED WARRANTY:** This product is warranted to be of merchantable quality when used according to the instruction herein. It is not warranted to be suitable for any purpose or use other than the general purpose for which it is intended. Liability under this warranty is limited to the replacement of the product as purchased, if found to be defective upon inspection by the manufacturer. This limited warranty is issued and accepted in lieu of all other expressed warranties and explicitly excludes liability for consequential damages. Buyer assumes all risk and liability resulting from the use of this product.

Revised -01-07