

F-5 ENVIRO

WATER BASED FORM RELEASE- READY TO USE.

PRODUCT DESCRIPTION: Specco F-5 Enviro Mold Release Agent is a ready to use, water based, chemically active emulsion designed for applications where solvent based releases are not preferred or allowed. F-5 Enviro release will not transfer or stain the cast surface, which allows the hardened concrete to accept coatings, paints, or caulks without any inter-coat adhesion problems. The final concrete may be painted with latex or oil based paints or coatings without any detrimental loss of bond. This makes the F-5 Enviro an ideal choice for precast concrete panel production. F-5 Enviro is safe to use on steel, plywood, aluminum fiberglass, ABS, urethane, and plastic molds or form liners.

BENEFITS: V.O.C COMPLIANT IN ALL STATES... ENVIRONMENTALLY SAFE... ODORLESS...NON-STAINING...MINIMIZES SURFACE DEFECTS AND VOIDS (BUGHOLES)...PREVENTS BUILD-UP

COMPOSITION: Blend of emulsified petroleum oil, synthetic surfactants and fatty acids. 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:	<5 g/L (0.08 lb./gal)
Weight per Gallon:	7.80 lb.
Flash Point:	>202° F (94° C)
Color:	White milky emulsion
Viscosity:	10-20 cps – Brookfield

VOC COMPLIANCE: F-5 Enviro contains less than 250 g/L (2.08 lb. /gal.) volatile organic compounds. Meets existing form release agent VOC (VOM) regulations under the EPA's National AIM (Architectural and Industrial Maintenance) listings for all states including OTC, LADCO, CARB, and SCAQMD.

DIRECTIONS FOR USE: Form surfaces should be dry and free from any existing concrete build-up before applying F-5 Enviro Release Agent. F-5 Enviro should be stirred before use to ensure proper consistency. Specco suggests that the application 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 900-1100 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 rate 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 water when application is completed.

CAUTIONS: F-5 Enviro is not recommended for use on latex composition molds due to potential long term degradation (softening) of the latex composition. Specco F-500 (castor oil base) or F-1000 (silicone base) is recommended for any latex applications. Refer to Specco technical service department for assistance in choosing a suitable release agent for these mold types. F-5 Enviro is cold weather sensitive and must be kept from freezing. Do not apply 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 modifications in sub-freezing applications. Keep away from unprotected food and drink. 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. DO NOT DILUTE OR THIN.

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, EMULSIFIED PETROLUEM OIL

SHIPPING CLASS: ITEM 33880, SUB 2, LTL 55

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

SHELF LIFE: 1 year properly stored.

PACKAGING: 5 gallon (18.9 L) pails, 55 gallon (208 L) drums, 265 gallon (1000 L) containers.

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.

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