

SAFE FORM WB

WATER BASED, CONCRETE FORM RELEASE AGENT

PRODUCT DESCRIPTION: Specco Safe Form WB Release is an emulsified, physically and chemically active, V.O.C. compliant, biodegradable form release agent. Safe Form WB is formulated for application compatibility on practically all mold types, with a few exceptions (see Cautions). It is non-staining and will not transfer to the surface allowing the formed concrete to be painted with latex or oil based paints without affecting the adhesion of the coating. Safe Form WB ingredients combine with the concrete's alkalinity to form a lubricating film that prevents concrete adhesion and build-up on various form surfaces. Specco Safe Form WB is a highly effective release agent and is ideal for wood, plastic, urethane, and foam liner molds. Safe Form WB can be used successfully on metal or aluminum surfaces for one time applications (flatwork or related), however it is not recommended for repeat or continuous applications such as in precast concrete due to a gradual form laitance build up which can occur typically after the 3rd or 4th pour and will need to be removed for void free surfaces.

BENEFITS: BIODEGRADABLE...CHEMICALLY ACTIVE...COST EFFECTIVE CONCENTRATE REDUCES FREIGHT & TRANSPORTATION COSTS...ENVIRONMENTALLY SAFE...WATER DILUTABLE... OUTSTANDING EMULSION STABILITY...NON-STAINING ...NON-CORROSIVE...NON-FLAMMABLE...ODORLESS... MINIMIZES SURFACE DEFECTS AND VOIDS (BUGHOLES)

COMPOSITION: Blend of emulsified petroleum oil, synthetic surfactants fatty acids, and additional proprietary ingredients. Does not require any reporting under SARA 313 (Community Right to Know). This product contains no silicones or wax additives.

PHYSICAL / TECHNICAL DATA:	APPROXIMATE VALUES at 70° F (22° C):
V.O.C. Content:	< 20 g/L (0.16 lb./gal)
Weight per Gallon:	8.00 lb.
Color:	Milky white colored emulsion
Viscosity:	20-30 cps – Brookfield

VOC COMPLIANCE: Safe Form WB contains less than 20 g/L (0.16 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: Although the Safe Form emulsion exhibits outstanding shelf stability, it is regarded as safe general practice to stir or agitate the release before each use to ensure proper dispersion of the solids. Apply the mixed Safe Form WB emulsion to the forms sparingly by roller, broom, brush or spray. Avoid a heavy application. Using excessive release agent will result in pinhole formation and dusting of the new concrete surface. Approximate recommended coverage for metal, aluminum, and plastic forms is 800-1000 square feet per gallon on depending on form surface texture. Plywood forms can be more absorbent which lowers the approximate coverage to 600-800 square feet per gallon. Allow the applied material to dry for a minimum of one hour before pouring concrete. Protect treated surfaces from rain and condensation until dry. Clean all sprayers and application equipment with soap and water.

CAUTIONS: Safe Form WB can be used on practically all mold types, with a few exceptions as previously noted. Safe Form WB can be used on aluminum or metal molds, however, repeated use over time (precast applications) can sometimes leave a residual "build up" film on the form surface that will have to be removed periodically. New aluminum forms must also be seasoned prior to the application of Safe Form WB. For foam molds or liners, the use of Specco F-50 Enviro Concentrate is recommended in place of Safe Form WB for superior bond breakability. Safe Form WB not recommended for latex rubber molds, refer to Specco F-500 for these mold types. Consult Specco Industries technical service department for the proper seasoning or conditioning procedures.

CAUTIONS (Continued): Safe Form WB is cold weather sensitive and must be kept from freezing. Do not apply diluted emulsion when the temperature will drop below freezing. Ambient form surface temperature must be above freezing as well. Cold temperatures will effect viscosity, sprayability, and dry time on form or mold substrate. Safe Form WB should be conditioned to at least 50°F (10°C) prior to application. Keep away from unprotected food and drink. Provide adequate ventilation during use. Protect treated surfaces from traffic until the concrete is poured.

WARNINGS: Do not apply in rain or wet conditions, and protect from rain for at least one hour after application. Forms should not be removed for a minimum of 12 hours as a general rule, or until the concrete has gained sufficient surface strength. Wear protective clothing and safety glasses during application. Do not use compressed air to force the material from the drum. Do not over apply. Safe Form WB is not recommended for tilt up work as a bondbreaker. 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: EMULSIFIED PETROLUEM OIL –NOT REGULATED BY D.O.T.

SHIPPING CLASS: ITEM 33880, SUB 2, LTL 55

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

PACKAGING: 5, 55, and 265 gallon containers

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.

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