



TK-5334 WB FORM RELEASE CONCENTRATE

Meets Federal EPA's VOC Requirements

PRODUCTS

Division of Sierra Corporation

Technical Data



PRODUCTS
3

TK-5334 WB
Form Release Concentrate

1. PRODUCT NAME

TK-5334 WB FORM RELEASE CONCENTRATE

2. MANUFACTURER

TK PRODUCTS, DIVISION OF SIERRA CORPORATION
11400 West 47th Street
Minnetonka, MN 55343
952-938-7223
952-938-8084 (FAX)
e-mail: tkproduct@aol.com
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3. PRODUCT DESCRIPTION

TK-5334 WB Form Release Concentrate is designed to be blended with water. It provides a means of easy release between all types of forms and concrete by the interaction of fatty acids contained in TK-5334 WB and the alkalinity of cement. In breaking the bond between form and concrete, the form is left free of mortar residue which can cause defects or voids in the finished slab, as well as causing extra cleanup work on the forms. The concrete is left unstained ready for paint, seal coats, plaster, or other coatings. Paving equipment cleanup is quick, easy and economical.

A rust inhibitor and a wood preservative are blended into the formulation to prevent rust and corrosion on metal forms; and to prevent deterioration of the wooden forms. The coating also acts as a barrier to prevent water in the concrete from being absorbed into the wood forms, robbing the concrete of its necessary moisture content.

Basic Uses:

For wood or metal forms (including aluminum), fiber glass, fiber tubes and plastic forms. Also on paving equipment, i.e., spreaders, mixers, scoot-cretes, hoist buckets, trucks, finishers, any metal equipment or tools used in concrete construction. Metal doors, windows

and frames can be pretreated with TK-5334 WB before concrete pours to facilitate clean off of the mortar dropping.

Limitations:

The concrete is left unstained, if TK-5334 WB is mixed with clean water.

Composition and Materials:

TK-5334 WB is a blend of fatty acid materials in an EPA approved oil which interacts with the alkalinity of the cement.

4. TECHNICAL DATA

- Flash point: 305°F TCC.
- Color: Amber, clear.
- Freezability: Will not freeze
- Applicable Standards: Nav Dock Spec 56359/64 and CE 204.
- A.I.M. Category: Form Release Compound, maximum VOC 450 g/l.
- A.I.M. Definition: TK-5334 WB is a coating formulated and recommended for application to a concrete form to prevent the freshly placed concrete from bonding to the form. The form may consist of wood, metal, or some material other than concrete.

5. APPLICATION

TK-5334 WB Form Release Concentrate is ready to be mixed with water. Blend 1 gallon of TK-5334 WB to 10 gallons of water. To blend with less water will make a stronger form release agent. Mixing is required at the time of blending. No further blending is required. The surface must be clean, dry and free of waxes or other form oils.

Method:

Use a low pressure sprayer, brush or roller. Apply evenly, brushing out puddles and heavy drips or runs.

On new wood forms:

Apply a heavy coat, then reapply until completely saturated; follow up

with a light coat before each use.

Metal forms:

Apply before use as needed. *Used forms:* Clean off any old scale, rust, mortar or previously used waxes or form oils to assure fault free concrete surfaces, particularly on exposed concrete or architectural concrete surfaces.

Equipment/Tools:

Spray daily to soften concrete buildup, provide quick easy cleanup and prevent rust.

Coverage Rate: Conditional upon the type of form used and the method of application used. Coverage on wood forms will increase after the initial saturation coat.

- Wood forms (rough lumber) ... 600-800 SFPG Coated plywood & paper.....700-1500 SFPG Metal or
- Fiberglass1500-1800 SFPG

Avoid puddling or ponding on all forms; wipe or brush out such spots; however, on hot windy days a heavier coating may be necessary. Proper application procedures will assure successful future applications of paint, plaster, etc.

Precautions: TK-5334 WB is a combustible material (contains petroleum distillates) and is shipped under combustible label. KEEP AWAY FROM HEAT SPARKS AND OPEN FLAME. Close container after each use. Do not transfer to unmarked containers or weld or cut on or near container. If used indoors, have adequate ventilation.

FIRST AID:

Inhalation: Move to fresh air, give artificial respiration if not breathing. GET MEDICAL HELP.

Eye and Skin Contact: Flush eyes with clear water for 15 min., call physician. *Ingestion:* DO NOT INDUCE VOMITING. GET MEDICAL HELP.

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3



In Case of Fire: Use CO2 dry chemical, foam, water spray.

Spills or Leaks: Eliminate all sources of ignition. Soak up small spills with absorbent material and dispose of to avoid possibility of spontaneous combustion.

For safety control, Material Safety Data Sheets are available from TK Distributors and the TK Office. This information should be read before using the product.

6. AVAILABILITY:

TK-5334 WB is available through TK Distributors; contact TK PRODUCTS for the nearest distributor. Packaged in 55 and 5 gallon containers.

7. LIMITED WARRANTY

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8. TECHNICAL SERVICES

The TK office offers assistance with specifications, performance test data and field services.

9. FILING SYSTEMS

Information Handling Services
PO BOX 1213
Englewood, CO 80150
Information Marketing Services
13271 Northend
Oak Park, MI 48237

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