

TK-2519 DC WB DISSIPATING CURING COMPOUND

Meets Federal EPA's VOC Requirements



PRODUCTS

Division of Sierra Corporation
ISO 9001:2000 Certified

Technical Data

1. PRODUCT NAME

TK-2519 DC WB DISSIPATING CURING COMPOUND

2. MANUFACTURER

TK PRODUCTS
DIVISION OF SIERRA CORPORATION
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3. PRODUCT DESCRIPTION

TK-2519 DC WB is a 100% Hydrocarbon Resin, Water/Solvent Base Curing Compound. It's designed for curing freshly placed concrete, allowing the concrete to achieve maximum hardness and density by restricting the evaporation of available moisture within the mix. TK-2519 DC WB Resin Base Curing Compound Emulsion will assure that 95% of moisture present when TK 2519 DC WB is applied, will be retained for a minimum of 72 hours, this allows complete hydration of the cement.

USES:

TK-2519 DC WB can be used on both vertical and horizontal surfaces, interior and exterior. TK-2519 DC WB can be used on sidewalks, floors, walls, curbs and gutters, or wherever proper concrete curing is desired. TK-2519 DC WB becomes very brittle after the initial curing process, and within approximately 4 weeks has become brittle to the point where average traffic will begin to wear it off the surface. Under normal traffic conditions, it typically takes 3-5 additional weeks for this process to be complete. In areas where there is little traffic, a power sweeper with stiff bristle brushes will take it off, or a buffer with a coarse 3M pad. Over application of TK-2519 DC WB will make it difficult to dissipate or remove.

This process leaves the concrete surface suitable for subsequent coating of liquid floor hardeners, penetrating protective coatings, such as silanes, or cementitious toppings.

It also is ready for the acid etching process, usually performed before epoxy or urethane top coating. In either case, a hard brooming and/or washing should precede any further action.

4. TECHNICAL DATA

TK-2519 DC WB Resin Base Curing Compound meets or exceeds:

-ASTM C-309 Type 1, Class B and Type 1D with a red dye added.

-Moisture Efficiency:

-.47 kg/m² at 200 sq.ft./gallon

-ASTM C-309 - maximum allowed .55 kg/m²

-A.I.M. Category: Concrete Curing Compound, maximum VOC 350g/l.

-A.I.M. Definition: A coating formulated and recommended for application to freshly placed concrete to retard the evaporation of water.

5. APPLICATION PROCEDURES

TK-2519 DC WB must be mixed before use. Do not thin with solvents. It is unlawful to further reduce with non-exempt solvents. TK-2519 DC WB can be applied by sprayer, brush or roller. TK-2519 DC WB is available with a red dye to aid in uniform application and inspection.

COVERAGE:

SURFACE	SQ.FT/GAL
Broomed Finishes:	200-300
Troweled Finishes:	
Exterior	300
Interior	400

Do not over apply.

CLEAN UP:

Clean up with soap and water before it dries.

LIMITATIONS

1. Over application of TK-2519 DC WB will make it difficult to dissipate or remove.

2. Keep from freezing. TK-2519 DC WB, a Resin Base Curing Compound, is not designed as a protective sealing membrane for concrete surfaces.

PRECAUTIONS

TK-2519 DC WB contains minimal amounts of an aliphatic solvent. Excessive and/or prolonged inhalation may result in headache, nausea, dizziness and eye or lung irritation. TK-2519 DC WB in its cured state is not toxic.

FIRST AID

Inhalation: Remove person to fresh air, give artificial respiration if not breathing. Get medical help. *Eye and Skin Contact:* Wash with large quantities of clean water for 15 minutes. *Ingestion:* DO NOT INDUCE VOMITING, get medical help.

IN CASE OF FIRE

Use CO2 dry chemical. Do not use water spray.

SPILLS OR LEAKS

Eliminate all sources of ignition. Soak up with absorbent material; allow vapors to dissipate; incinerate under local regulation codes.

For safety controls, 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-2519 DC WB is available through TK Distributors. Contact TK PRODUCTS for the nearest distributor. Packaged in: 55-gallon drums, 5-gallon pails, and one gallon cans.

TK-2519 DC WB
Dissipating Curing Compound

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7. CONDITIONS OF SALE/ LIMITED WARRANTY

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is any question as to the suitability of a particular product, a small test patch is recommended. See also CONDITIONS OF SALE/ LIMITED WARRANTY (Section 7) above.

FOR INDUSTRIAL USE ONLY

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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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