

TK-EPOXY FLOOR CHIP KIT

Meets Federal EPS's VOC Requirements

Technical Data

1. PRODUCT NAME

TK-EPOXY FLOOR CHIP KIT
400 sq. ft. kit.

2. MANUFACTURER

TK PRODUCTS, DIVISION
OF SIERRA CORPORATION
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Minnetonka, MN 55343
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3. PRODUCT DESCRIPTION

TK-EPOXY FLOOR CHIP KIT is a complete 100% solids epoxy floor system that includes:

- TK-HIGH TECH EPOXY for base coat. Tinted to standard TK colors. (1-2 gallon unit)
- STANDARD COLORED CHIPS (1-2# package).
- TK-HIGH TECH EPOXY Clear for top coat. (1-2 gallon unit)
- TK-HIGH TECH EPOXY is a 1:1 mix by Volume.

Basic Uses:

TK-EPOXY FLOOR CHIP KIT can be used to beautify garage floors, basement floors, industrial areas or any interior area that low odor products need to be used.

4. TECHNICAL DATA

Composition and Materials:

HI-TECH is a 100% solids, solvent free, Polyamine epoxy systems.

Properties:

-Viscosity:	Viscous
-Weight Per Gallon:	10.77#
-Solids by Weight:	100%
-Solids by Volume:	100%
-Crypto meter Hide:	N.A.
-Initial Gloss @ 60:	High
-Dry Film Thickness:	Aprox.15 mils at 400 sq. ft. coverage
-Flash Point:	None
-Flexibility:	Pass
-Conical Mandrel:	¼ inch
-Pencil Hardness Min:	3H-6 cured fully

-Crosshatch

Adhesion %Min:	100%
-Lead:	None
-Bleeding:	None
-D.O.T. Shipping Name:	Not Regulated

-A.I.M. Category: Floor Coating.

-A.I.M. Definition: A floor coating formulated and recommended for application to concrete to enhance the appearance and protect the floor from chemical damage.

Resistance to:

Abrasion	Excellent
Acid	Good
Alkali	Good
Humidity	Excellent
Petroleum Products	Excellent
Salt Spray	Good

5. APPLICATION PROCEDURES AND INSTRUCTIONS

Preparation:

Floor must be prepared in a manner that is consistent to other epoxy application. (Shot blast, sand blast, or acid etch with proper rinses.) Do a proper moisture test prior to application.

Application:

After floor is properly prepared, clean, dry, and free of any debris the floor application can begin. All large holes should be fill with TK-411. After the TK-411 has hardened, grind smooth to proper level. All crack in the floor should also be filled with TK-9000 crack filler and allowed to harden. Make sure you have all tools required to mix and apply the epoxy. Mix tinted HI-TECH Epoxy with a low speed mixer for two to five minutes. After product is mixed, pour onto floor, spreading with squeegee and back rolling with high quality paint roller. While the HI-TECH Epoxy is still uncured, broadcast color chips in a uniform manner. (Make sure that chips have been mixed, prior to broadcast). Let dry over night and then apply clear HI-TECH Epoxy top coat. TK-Tri Grip can be added for a slip resistant surface.

Dry time:

At 70⁰ F average dry time:
- Tack free 1-2 hours.
- Recoat within 24 hours.
- Full Cure 1-3 days.
Pot Life @ 70⁰ F 30 Minutes

Limitations:

Apply in temperatures above 50 degrees F.

TK-EPOXY CHIP KIT can be used over previously coated floors by sanding the original coating prior to applying. A small test is always required, to insure compatibility.

- Do not apply over surfaces that are frozen, structurally unsound or where water or water vapor is being transmitted through the concrete.
- Do not use on asphalt.
- HI-TECH is designed for indoor use.
- It may yellow and/or caulk when used outdoors.
- Do not use once potlife has expired.
- Do not mix freshly catalyzed material with previous catalyzed material.

Coverage:

One kit of TK-EPOXY FLOOR CHIP KIT will cover 400 sq. feet and yield approximately 15 dry mils thick.

Cleanup of Equipment:

Clean equipment and spills before material dries with TK-99 Super Solvent or TK-00 solvent.

Precautions:

Avoid contact with eyes, skin and clothing. Avoid breathing vapors. Wash thoroughly after handling. KEEP OUT OF REACH OF CHILDREN. Do not allow vapors to penetrate into foodstuffs. Remove animals from quarters until all fumes have dissipated. TK-HI-TECH in its cured state is not toxic. Do not reuse empty container. Dispose of empty containers in accordance to all applicable regulations.



Maintenance:

Minimal maintenance is required other than normal sweeping, dusting or mopping.

6. AVAILABILITY

TK-EPOXY FLOOR CHIP KIT is available in 400 sq. foot kits and comes in a variety of colors.

Colors Available:

-102 Light Gray with Black, White and Gray Chips.

-104 Dark Gray with Black, White and Gray Chips.

-453 Tan with Brown, Light Brown and Off White chips.

Additional White, Off White, Black, Gray, Brown and Light Brown chips can be purchased separately.

Call your TK Distributor for price quote.

7. LIMITED WARRANTY

TK Products warrants that its products conform to their label descriptions, are free from manufacturing defects, and are fit for the ordinary purposes for which such goods are used. Inasmuch as the use of its products by others and other factors affecting product performance are beyond TK Products' control, TK Products does not guarantee the results to be obtained. SHOULD ANY OF ITS PRODUCTS FAIL TO GIVE SATISFACTORY RESULTS, TK PRODUCTS WILL REPLACE THE PRODUCTS OR, AT ITS OPTION, REFUND THE PURCHASE PRICE. THIS IS THE SOLE AND EXCLUSIVE REMEDY FOR ANY FAILURE OF THE PRODUCTS OF TK PRODUCTS TO PERFORM AS WARRANTED AND SHALL ALSO CONSTITUTE LIQUIDATED

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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

TK DISCLAIMER:

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