



PRODUCTS

Division of Sierra Corporation

TRI-SHEEN ACRYLIC STAIN

Meets Federal EPA's VOC Requirements

Technical Data

1. PRODUCT NAME:

TRI-SHEEN ACRYLIC STAIN
TK-5609

2. MANUFACTURER

TK PRODUCTS, DIVISION
OF SIERRA CORPORATION
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3. PRODUCT DESCRIPTION:

TRI-SHEEN ACRYLIC STAIN is a medium viscosity opaque acrylic emulsion designed especially for wood or wood-like surfaces. With the use of 100% acrylic resins and inorganic pigments, color uniformity and retention are greatly extended. TRI-SHEEN ACRYLIC STAIN forms a breathable film allowing trapped moisture vapor to safely migrate through the coating without blistering or peeling.

TRI-SHEEN ACRYLIC STAIN can be used on the following substrates: natural woods, plywood, pressed boards or any above-grade properly prepared surface. Due to the odor-free and V.O.C. compliant nature of TRI-SHEEN ACRYLIC STAIN, it may also be safely used for any interior vertical surfaces.

All of the various substrates should be properly prepared, See Section 5 for application procedures.

4. TECHNICAL DATA:

TRI-SHEEN ACRYLIC STAIN is a 100% acrylic resin suspended in an aqueous emulsion. To ensure long term color stability only inorganic oxide tinting pigments are used.

Physical Properties:

- Nonvolatile Solids 36.78
 - Weight per Gallon 9.80
 - Viscosity 70 ± 2 KU
 - Initial Gloss 4% @ 60° Flat
 - Dry Film 1 to 1 1/5 mils
 - Thickness per coat
 - Coverage 250-300 SFPG depending on porosity
 - Flash Point None
 - Reduction None, ready to use
 - Dry Time
 - To Touch 30-45 Minutes
 - Recoat 2 Hours
 - Full Cure 24-48 Hours
 - Clean Up Immediately with warm soapy water
 - V.O.C. Compliant
 - V.O.C. Content 350 g/l
 - A.I.M. Category: Stains-Opaque
 - A.I.M. Definition: A coating that produces a dry film with minimal coloring. This includes lacquer stains.
- Related Definitions: Opaque: Not allowing light to pass through, so that the substrate is concealed from view.

5. APPLICATION PROCEDURES AND INSTRUCTIONS

Stir for 5 to 10 minutes using a low speed agitation mixer. When multiple containers are going to be used, blend together as needed to insure uniform color throughout the job.

Generally, only one coat is required. However, due to the various substrates and application procedures, two coats may be required. The finished appearance should be one of a uniform color without streaks or thin spots. TRI-SHEEN ACRYLIC STAIN is to be applied as a stain, not as a heavy paint-like coating. All foreign matter; waxes, mildew and previous loose coatings must be removed.

Suggested methods of surface preparation are: Power washing, using a minimum of 3000 PSI or greater, sanding and wire brushing. A simple field test to qualify the surface after preparation should be performed. Generally a surface that will readily accept TRI-SHEEN ACRYLIC STAIN will also absorb water at a rapid rate without resistance or show no water droplet appearance. The surface should immediately turn dark.

A test area of 50 SF should be prepared, apply product to the prepared surface verifying the surface qualification, adhesion and for color approval.

Upon an acceptable sampling and approval from the project engineer, the project can at that time be completed.

TRI-SHEEN ACRYLIC STAIN can be applied using brush, roller or spray. If an airless sprayer it to be used, a tip size of .015 – .018 with a 40 degree to 60 degree fan should be used. If rolling, use care not to load any material on the surface. The rolled surface should result in a thin even coat.

Avoid application in direct sunlight or during extremely hot or windy conditions.

TRI-SHEEN ACRYLIC STAIN should only be applied to dry, sound, frost free surfaces. The air temperature should be consistently above 40°F. with no chance of frost, rain or fog for a period of 48 hours prior to and following application.

6. AVAILABILITY:

TRI-SHEEN ACRYLIC STAIN is packaged in 55 and 5 gallon containers. Custom colors are



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TRI-SHEEN ACRYLIC STAIN
Opaque Acrylic Stain for Wood

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available upon request. Please submit color standards for pricing. Contact TK Products for the nearest distributor.

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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