

MULTISPEC®

WaterColors®

1. PRODUCT NAME

Multispec WaterColors

2. MANUFACTURER

Multicolor Specialties, Inc. 1200 South Storbeck Drive, Waupun, WI 53963

3. PRODUCT DESCRIPTION

Material: Durable, fast drying waterborne decorative multicolor paint for interior and protected vertical exterior applications.

Limitations: Freezable and heat sensitive.

Requires knowledgeable applicator and specific application equipment.

Sizes: Gallons, quarts and 5-gallon pails. Shipping weight 9.8 lbs. per gallon.

Patterns and Colors: Random dispersion of various size flecks of different colors. Multicolors are manufactured to specification and delivered ready to use.

Composition and Materials: Waterborne paint droplets suspended in an immiscible water phase.

Suitable applications: Interior and protected exterior surfaces, walls, ceilings, trim and accessories. Well-suited for spray application on clean and efflorescence-free cement, cinder block, plaster, stucco, brick, terra cotta, cast stone and knock down. Can also be applied to properly prepared and primed smooth flat surfaces such as drywall, fiberboard, acoustical tile, ceramic, wood, plastic, laminates, glass and metal. Multispec Countertop Clear must be used for high performance applications such as countertops. Follow manufacturer's label instructions and application guidelines for coatings, equipment and tools.

Unsuitable Applications: Not for use in areas with hydrostatic pressure; flexible surfaces subjected to excessive structural movement (such as expansion joints), or exposure to corrosives or high heat.

4. TECHNICAL DATA

Finish: Flat.

Gloss: 10 gloss units with 60° gloss meter.

Coverage: Approximately 125-175 sq. ft. per gallon when sprayed. Coverage varies depending on surface texture, porosity, film thickness and application technique.

Shelf Life: May degrade under temperature extremes or due to excessive agitation.

Manufacturer recommends use within one year from date of manufacture.

Dry Time: To touch 2-3 hours at 70° F and 50% humidity; to use overnight; full dry, several days.

Drying time will vary according to temperature, humidity and film thickness.

Fire Rating: Class A rating (ASTM E-84).

Flash Point: Not applicable. Nonflammable.

Water Vapor Transmission: Full coat coverage WVP (perms) 2.79 (ASTM D-1653).

Shipping Class: Not regulated water-base. Must be protected from freezing.

Flexibility: Excellent. No cracking of film over 1/8" mandrel (ASTM D-1737)

Film Hardness: HB-H pencil hardness (ASTM D-3363).

Self Lifting: Excellent intercoat adhesion (FED STD 141B Method 6252).

Stain Resistance: No stains from mild acids, chemicals, oils or foods (ASTM D-1308).

Abrasion Resistance: Taber abrasion 153.9 mgms. Loss/100 cycles CS-10 Wheel 1000 gms. Weight (ASTMD-4060).

Washability: Reflectance recovery 95.5% (ASTM D-4060).

Scrub Resistance: 2,350 cycles (ASTM D-2486).

Fungal Resistance: No growth (ASTM D-3273).

Bacterial Resistance: No growth (ASTM D-3456).

VOC Contents: Maximum 205 gm/liter.

1.7 lbs./gal. Non-photochemically reactive.

Odor: Slight odor

5. Application

Handling/Storage/Shipping: Care must be exercised in handling. Multicolor paint is fragile.

To mix thoroughly stir gently with paddle. **Do not mix mechanically.** Vigorous agitation may break down color flecks and change color.

Do not freeze or store over 100°F. Close container tightly after each use. Do not store in unlined metal containers.

Surface Preparation and Priming: Surface must be in good condition and free of efflorescence and contaminants. Surface should be clean and dry.

Multicolor can be sprayed directly on certain textured or porous surfaces such as concrete block. Highly porous substrates will decrease spread rate. Prime with appropriate primer/sealer/stain killer required for surface.

Use Multispec Universal Primer for bare (ferrous metals will require a rust inhibitive primer) or painted metal, concrete and substrates containing light stains. Multispec Universal Primer should be used on new drywall. It is also recommended for laminate countertops as part of the multicolor countertop restoration system. For deeper colors use Zinsser Deep Tint. Use any Zinsser Cover Stain Primer for bleeding woods such as cedar, redwood and substrates containing water stains. For further details refer to Application and Equipment guidelines or call MSI.

Warning! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS SUCH AS BRAIN DAMAGE ESPECIALLY IN CHILDREN.

PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD, or log on to www.epa.gov/lead.

Reduction: Ready to use. If reduction is necessary add water in small increments (3-4 liquid ounces per add). Do not add thinners, reducers or solvents which will destroy paint.

Application Guidelines: Final finish may vary from standard due to variations in paint, equipment, pressure settings, technique and substrate. **Always evaluate color, pattern and paint delivery rate mock-up test area while using specific batch of paint with equipment selected for job and be certain that mock-up meets with the approval of specifier prior to beginning the job. Once approved, the mock-up should serve as the standard for the job. Color standards and film properties can only be attained when application is full coat coverage. Follow equipment manufacturer's instructions for use and maintenance of equipment. Observe all warning statements relating to both paint and equipment.**

-Paint will have a bluish-white cast when first applied. Allow to dry thoroughly for proper color and final appearance.

-Avoid application during periods of high humidity and/or when temperature of paint surface or air is below 60°F or above 100°F.

-Remove all filters and strainers from spray equipment.

-Do Not Use pressure pot agitator, siphon-type or gravity feed guns or airless spray equipment.

-Use paint with same batch number for specific job. There may be slight differences between batches.

Spray Application: For spray application use in an HVLP 4 stage turbine equipment with pressure pot and a 2.0 mm or larger projector set; or an ASME dual regulated pressure pot with an HVLP with a 1.7 to 2.2 mm fluid tip.

Ask dealer for spray equipment guidelines. Sample standards are sprayed with an ASME dual regulated pressure pot with an HVLP spray gun and a 1.7 mm fluid tip setup. Remove all filters and strainers from equipment. Maintain uniform distance of approximately 12"-18" between the gun and surface. Adjust equipment and distance for best results. Aim spray gun directly at surface (spraying at an angle will distort pattern). Spray horizontal strokes, overlapping each previous stroke by 50%. Then cross hatch the same way with vertical strokes to eliminate any lap marks. Begin spray stroke before triggering and release trigger before stroke is completed.

Note: Application must be full coat coverage. If not properly applied, the following will occur: uneven appearance, picture framing, lap marks, unsatisfactory touch up and diminished properties. *Prepare a mock-up using specific paint and equipment for job in an inconspicuous area prior to proceeding.*

Top Coating: Can be clear coated with *Multispec MCT* to facilitate subsequent cleaning, enhance durability and impart gloss. **For work surfaces and heavy duty applications use high-build, two component polyurethane, epoxy clear topcoat, or Multispec Countertop Clear.**

Touch up: Duplicate original application.

For best results repaint from corner to corner.

Cleanup: Flush spray equipment with water immediately after use.

Precautions: DO NOT BREATHE SPRAY MIST.

Wear an appropriate respirator (NIOSH/MSHA APPROVED) SAFETY GOGGLES AND GLOVES. Use adequate ventilation. Avoid breathing dust when sanding. Wear NIOSH approved respirator.

DO NOT TAKE INTERNALLY.

KEEP OUT OF REACH OF CHILDREN.

HMIS Rating: Health 1; Flammability 0;

Reactivity 0; Personal Protection 1.

6. AVAILABILITY AND COST

Availability: Available in the United States and several foreign countries. Cost: Prices vary depending on order quantity and color complexity.

7. NOTE

Multispec WaterColors is sold without warranty expressed or implied. Liability shall be limited to replacement of product. Multicolor Specialties, Inc. shall in no event be liable for consequential damages. This product will perform as claimed if applied according to our directions. The directions apply to most applications but may not cover special conditions, applications, techniques and/or surfaces.

8. MAINTENANCE

Wash as required with a solution of mild detergent or use a mild abrasive. Should unusual soil or stain problems occur, contact manufacturer for instructions.

**To place order call
Customer Service:
800-362-6617**

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www.multispec.com