

**MULTISPEC®**

*WaterColors*

**MULTICOLOR ARCHITECTURAL COATING SPECIFICATIONS**

**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 spray paint for interior applications.

**Limitations:** Freezable and heat sensitive. Requires knowledgeable applicator and specific spray equipment.

**Sizes:** Gallons and 5 gallon pails only.

**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 walls, ceilings, trim, structural elements, furniture, fixtures, decorative accessories, building materials. Also product finishing. Properly prepared and primed drywall, gypsum board, fiberboard, acoustical tile, paneling, plaster, stucco, masonry, concrete, block, brick, ceramic, glass, fiberglass, metal, plastic, laminate, and vinyl wallcovering.

**Unsuitable Applications:**

Not for use on 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:** Smooth finish with very slight physical texture.

**Gloss:** 10 gloss units with 60° gloss-meter (ASTM D-523).

**Coverage:** 125 to 175 square feet per gallon for full coat coverage. Coverage varies depending on surface, texture and film thickness, and pattern size. The larger the fleck size, the less coverage (90 to 120 square feet when rolled).

**Shelf Life:** May degrade under temperature extremes and excessive agitation. Manufacturer recommends use within one year from date of manufacture. Shelf life may be less on specialty colors and metallics.

**Dry Time:** Air dry 70°F. at 50% humidity. To touch 1 - 2 hours. To use 24 hours, full cure several days. Dry time will vary depending on temperature, humidity, film thickness and type of surface.

**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 waterbase. 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/1000 cycles.

CS-10 Wheel 1000 gms. weight (ASTM D-4060).

**Washability:** Reflectance recovery 95.5% (ASTM D-3450).

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

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

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

**V.O.C/V.O.S. Content:** Maximum 205 gm/liter, 1.7 lbs. per gal.

Non-photochemically reactive.

**Odor:** Slight odor while spraying and drying.

**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 clean, dry, flat and without defects.

Prime with appropriate primer/sealer/stainkiller required for surface to be painted. Follow primer manufacturer's instructions for use. Use premium quality primer having good holdout and tooth. For hard, smooth surfaces, specific high performance primers are recommended. Undercoats that contain shellac, wax, silicones or stearates may not be suitable. When in doubt, check intercoat adhesion between primer and multicolor topcoat prior to proceeding with application. Do not prime with flat wall paint. Textured surfaces must be filled and primed. Pattern size will appear smaller and square footage per gallon will be less over textured surfaces. NOTE: Multicolor coatings may enhance stain bleeding due to product water content. For surfaces that may bleed, seal with a non-water permeable primer. Contact primer manufacturer for recommendations. **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 a 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](http://www.epa.gov/lead).

**Reduction:** When necessary, add water gradually in small increments (3 to 4 liquid ounces per addition not to exceed 5% in total) until an acceptable spray pattern is achieved. Too much water will cause the paint to sag. (Do not add thinners, reducers or solvents.)

**Equipment:** *Multispec WaterColors* is designed to be applied with specific HVLP and conventional dual-regulated air spray equipment. Do not use pressure pot agitator. NOTE: **Do not use airless spray equipment.** Color standard sprayouts are sprayed with Binks Mach 1 HVLP gun with 97AS tip and an ASME dual-regulated pressure pot. Conventional air spray equipment will decrease fleck pattern size. **For specific equipment recommendations, see Spray Equipment Guidelines.**

**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 on 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 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.**

- 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.

**One-Step Application Technique:**

Set material and air pressure to match approved sprayout. Maintain uniform distance of 18" - 24" between the gun and surface. Aim spray gun directly at surface (spraying at an angle will distort pattern). Spray, overlapping each previous stroke by 50% and crosshatch the same area with vertical strokes to eliminate any lap marks and to achieve full coat coverage. Spray an area comfortable to reach.

**Topcoating:** Not necessary in most applications. Can be topcoated to increase gloss and/or improve properties.

**Touchup:** Patch and/or prime as necessary. Select spray equipment and tip size and adjust pressure settings to be used. Do a mock-up to match original finish.

1. For small areas: Apply multicolor lightly as a spattercoat, inspect and continue to spatter area until same coverage is achieved as the adjacent painted area. Feather out as necessary to blend in.
2. For large areas: Corner-to-corner touchup is recommended using the same application technique and equipment setup as used in original application.
3. Note: In areas with clear topcoat, degloss and/or prime before repainting, using multicolor followed by clear topcoat.

**Roller Application:** *Multispec WaterColors* can also be applied with a *Multispec Speckle Effects* reticulated foam roller over a *Speckle Effects* basecoat tinted to the color of the predominant fleck color. NOTE: The appearance of the roller applied multicolor may differ from the spray applied color standard. Call manufacturer for roller application instructions.

**Cleanup:** Flush equipment thoroughly with water.

**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 a NIOSH approved respirator. DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.

**HMIS Rating:** Health 1; Flammability 0; Reactivity 0; Personal Protection E.

**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:** Since the use of this product and information is beyond the control of Multicolor Specialties, Inc., the company does not guarantee the applicability of this information or the suitability of this product for any specific situation. *Multispec WaterColors* is sold without warranty, expressed or implied. Multicolor Specialties, Inc. liability shall be limited to replacement of product. Multicolor Specialties, Inc. shall in no event be liable for consequential damages.

**8. MAINTENANCE:** Wash as required with a solution of mild detergent or use a mild abrasive (i.e. Mr. Clean Magic Eraser or Soft Scrub without bleach) and rinse with water. Should unusual soil or stain problems occur, contact the manufacturer for instructions.

For more information, write or call:

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