

# Matte Poly\*Flake



## APPLICATIONS LIST FOR POLY\*FLAKE

1. Boating and other Fiberglass or Gelcoat applications:  
Boats, Carnival Ride Cars, Pre-fab Domes for Churches
2. Fishing Lures
3. Makeup (Cosmetics): Nail Polish, Body Creams and Lotions, Hairspray
4. Crayons
5. Finger Paints, (coated silver)
6. Fabric Adhesives for decorating clothing (permanent).  
Clothing, sneakers
7. T-Shirts, (silk screened) mixed with Plastisol. (.008 is most popular size)
8. Clown Makeup (for Costume Companies & Halloween)
9. Ceramics (after firing)
10. Christmas Ornaments and Decorations
11. Inks & Paints
12. Clear Adhesives, (for children's use, can be washed off)
13. Glitter Pens (mixed with adhesive)
14. Rubber Stamp Kits
15. Fabric Printing (Flocking)
16. Hair Gels
17. Floral Decorations (Artificial, Dry, Live)
18. Candle Decorating
19. Flooring
20. Wallpaper
21. Posters & Displays
22. Inside Balloons
23. Greeting Cards

## TECHNICAL DATA - WATER & SOLVENT RESISTANT POLY\*FLAKE

Glitterex Polyester Flake was specifically designed to meet the requirements of manufacturers of decorated fabrics, adhesives, vinyl, sheeting, plastic molding, inks, paints, and many other products, which require glitter of outstanding physical and chemical properties.

The following is a list of some of the varied extensive testing Poly\*Flake as been exposed to:

**LIGHTFASTNESS:** A minimum of 400 hours in Atlas Fade-Ometer elapsed before any discernible change in color occurred. Samples were exposed to standard 148°F black panel temperature and 90% relative humidity. In addition to laboratory testing, tests were conducted in Miami, Florida in which samples of Poly\*Flake were exposed to the sun and elements for 18 months. No barriers such as glass or plastic films, which would have had the effect of shielding the samples from ultra-violet rays, were used. Under these conditions of maximum exposure to semi-tropical sunlight, there was no discernible change in color, nor was there any reduction in brilliance after 18 continuous months, at which time the tests were discontinued.

**TEMPERATURE RESISTANCE:** Although Poly\*Flake has endured exposure to 350°F with no apparent loss of color or reflective quality, the actual limit of resistance is dependent upon dwell time, mixing abrasion, and ambient process temperature.

**SUSPENSION PROPERTIES:** Because Poly\*Flake has a significantly lower specific gravity than most liquid or gel mediums where it is incorporated, it will remain in suspension more uniformly during process application.

**CHEMICAL RESISTANCE:** Poly\*Flake has proved highly resistant to most commonly used commercial, solvents, such as water, MEK, MIBK, alcohol, and high flash naphtha. Because of this excellent solvent resistance, this glitter can be used in most solvent, acrylic, vinyl, and aqueous systems.

The above information is given for guidance only. While it is based on scientific evaluation, and is believed to be reliable, Glitterex Corporation makes no warranties, whether expressed or implied, including warranties of merchantability and of fitness for a particular purpose for these products, since among other reasons the conditions of storage and use are beyond our control. No statements or recommendations contained herein are to be construed as inducements to infringe any patent.

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