



TECHNICAL DATA SHEET #89

PDC® F-873 eccs®

Non-Skid Urethane Coating FOR INDUSTRIAL USE ONLY

DESCRIPTION:

F-873 is a fast dry, high quality, water base high tack urethane coating used as a non-skid coating on various types of substrates such as fabrics, plastics and foams. F-873 can be trowled, screened, brush or roller applied.

Applications include anti-fatigue mats, cloth work gloves, wrestling, martial arts, excersize and walk on mats and more. Anywhere you need non-skid performance between two surfaces. F-873 is a high solids, very low V.O.C. coating, which makes it an Emission Control Coating System, eccs®.

OTHER FEATURES INCLUDE:

- Non-flammable, very safe.
- Low residual transfer.
- Water clean up.
- Very low VOC's
- Available in clear or custom colors.

SPECIFICATIONS:

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| Solids (wt): 50% | Tensile: (ASTM-D 412) 3,000 psi |
| Temperature use range: 0°F to 120°F | Elongation: (ASTM-D 412) 500% |
| Block resistant: 4hr @ 120°F | Shelf life: 1+ year at 77°F unopened container |
| Coverage: 400 sq. ft. per gal at 2 mils | Finish: N/A |

Chemical resistance: In House Test Results [ASTM D-1308]

Ketone:	poor	Aromatics:	fair
Aliphatics:	good	Alcohols:	good
Acids:	good	Glycol:	fair

ALTERNATIVE PRODUCTS:

N/A

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SURFACE PREPARATION:

All surfaces to be coated must be free of any oils, dust, mold release or loose particles.

USE ADEQUATE VENTILATION. GENTLY MIX BEFORE EACH USE.**Notched Trowel-**

Depending on porosity, texture of surface being applied to and level of non-skid performance needed, determine the proper depth of notch by testing various thicknesses. Once this has been determined apply liberal amount of F-873 to one end of item being coated and draw trowel across the surface. Allow to dry thoroughly before packaging or using.

Brush-

Apply F-873 with brush working back and forth making sure to overlap to achieve even and desired thickness and texture. Allow to dry thoroughly before packaging or using.

Roller-

Apply F-873 with roller working back and forth making sure to overlap to achieve even and desired thickness and texture. Allow to dry thoroughly before packaging or using.

Screening-

Apply F-873 by screen print method by applying a liberal amount of F-873 to properly sized mesh screen [must test to determine size for your application], press F-873 through screen using a plastic squeegee directly onto the substrate being coated. Lift screen from substrate. Allow to dry thoroughly before packaging or using.

Clean Up-

Use water for immediate clean up.

HINTS:

Allow at least an overnight dry before stacking or storing coated items unless you've accelerated drying with heat. After allowing to air dry for 5 minutes, a recommended heat for drying is 100°F-150°F with moving air until thoroughly dry is recommended. Always use proper ventilation and protection.