



TECHNICAL DATA SHEET # 61

PDC® F-674's' eccs®

ACRYLIC Spray Coating FOR INDUSTRIAL USE ONLY

DESCRIPTION:

F-674's' is an acrylic waterbase coating designed to protect polystyrene and expanded polystyrene foams from impact damage as well as improve appearance. It's very low V.O.C.'s, non-flammable and high solids content make it an Emission Control Coating System, eccs®. F-674's' has excellent chemical, abrasion and impact resistance. With its semi-gloss finish, F-674's'

is perfect for logos, letters or any 3 dimensional item used for display purposes. This high performance acrylic is also excellent for outdoor use on polystyrene dock foams, packaging items, decoys and the list goes on. Use F-674's'

anywhere common paints fail on polystyrene foams and enjoy the long term benefits of a quality, easy to use waterbase coating.

OTHER FEATURES INCLUDE:

Wide selection of colors.

High solids, high coverage.

Safe, easy to use waterbase.

SPECIFICATIONS:

Solids: (wt.) 33%

Temperature use range: +35 to 180°F

Block resistance: 4 hr @ 120°F

Tensile: (ASTM D-882) 2,600 psi

Elongation: (ASTM D-882) 380%

Shelf life: 1+ year at 77°F unopened container

Coverage: 110 sq. ft. per gal at 5 mils

Finish: Gloss

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

acids, alkalines, aliphatics: good

aromatic, chlorinated, glycols: fair

ketones: poor

ALTERNATIVE PRODUCTS: Contact Technical Support for assistance.

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**SURFACE PREPARATION:
MIX WELL BEFORE USE.**

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

USE ADEQUATE VENTILATION.

SPRAYING: Pressure pot/conventional spray equipment may be used. Gently mix before spraying. Apply wet, overlapping coats, holding gun 6-12" from surface, using a 4-6" pattern. Allow to completely dry before applying additional coats to desired thickness.

RECOMMENDED EQUIPMENT AND SETTINGS:

Binks® model 2001/ 95 gun

Nozzle: 66SS

Cap: 66SD

Needle: 565

Material: 20psi

Atomization: 15-30psi

Dilution: as needed (water)

Clean up: water, mild solvent if allowed to dry

BRUSH/ROLLER: Gently mix before each use. Apply wet, overlapping coats using a foam brush, pad or roller. Allow to completely dry before applying additional coats to desired thickness.

HINTS:

A dry film thickness of 6-8 mils is recommended for best results. Allow overnight drying whenever possible. To speed drying, mild heat (95°F-110°F) and air flow may be used. Most water base products take up to one week to fully cure, if not heat cured. Avoid excessive air movement, heat or humidity. Always use proper ventilation and protection.