TECHNICAL DATA SHEET
(SPC)

"A strong durable, flexible and breathable film coating that adheres tenaciously to concrete, drywall, powerwall, masonry, wood, etc."

PRODUCT DESCRIPTION

- SPC is a high-quality, proprietary formula aqueous acrylate dispersion, that when applied and fully dried/cured, develops into a strong, durable, flexible, and breathable coating which adheres tenaciously to clean bare surfaces. i.e. concrete, asphalt, drywall, powerwall, masonary, metal, wood, etc.
- SPC is non-flammable, odorless, non-toxic, penetrating, and clear-drying (unless pigmented).

BASIC USE

- SPC is excellent for paver coating/joint sand consolidating material. SPC may be power-toweled impregnated into concrete to restore surface integrity to weak, crumbling, crazed, cracked, or otherwise flawed surface.
  - A specially formulated form of SPC is available which may be used as a effective MPST for concrete, prepared by mixing with fine sand or silica flour with Portland cement.

PRIMARY APPLICATIONS

- SPC is excellent for paver coating/joint sand consolidating material and for repairing cracks.

FEATURES AND BENEFITS

- Provides an attractive finish and extra strength and integrity.
- More abrasion/crack/stain resistance surface.
- Increased surface density and traction quality.
- Resists freeze-thaw damage.
- Easier-snow/ice removal.
- Improves fungus/mildew resistance.
- Retards/eliminates efflorescence.
- Remains resilient.
- Long lasting.

DIRECTIONS FOR USE

- Always start with a clean bare floor. Remove all residual adhesives, dirt, grease, curing compounds similar, etc.
- Any convenient method is available. i.e. paint roller, brush, sprayer, flood-on, and spread with a roller or squeegee, etc.
- SPC, applied as a film, is recommended applied as thinly as is practical for optimal strength development, applied with subsequent applications if more film thickness is desired.
- As a paver sand consolidator ;
  - SPC is recommended applied on top of the paver and sand surface at the rate of approximately 150 square feet per gallon, using a (pump-type) low-pressure non-atomizing sprayer apparatus, then use a small headed squeegee to push excess SPC off of the paver tops into the sand joints. NOTE: squeegee off excess SPC from top of pavers before it air-dries on top of pavers.
- For consolidation of concrete surfaces ;
  - Pour SPC onto surface being consolidated then spread SPC evenly over surface using a broom or squeegee. For surface

impregnation trowel SPC into the surface porosity filling cracks, and recesses, using a power-finishing trowel.

- SPC should not be applicated when temperature falls below 55F, due to extremely slow drying. Dryness can be ascertained by testing SPC's trackiness, since dried SPC is not tacky. A minimum of 24 hours drying/curing time, following application, should be allowed for strength.

TECHNICAL DATA

- Product type: Acrylate acqueous dispersion
- pH range: 7-8
- VOC/VOS content: insignificant trace of VOC
- Color: milky white
- Dried color: clear
- Specific gravity: 1.04
- Elongation at 3 & 10 mils: 100% to 500%
- Flash point: none
- Fire decomposition products: CO, CO_2, NO
- Solid content: 25-30%
- Freeze point: 32F
- Freeze harm: possible
- Storage temp min: 55F (10C)

PACKAGING

SPC is packaged in

- 5 U.S. gal pails.
- 55 U.S. gal drums.

PRECAUTIONS

- Protect areas not intended for coverage.
- SPC liquid must not be allowed to dry on glass or contact shiny aluminum, and should be removed, prior to drying, using water. Once dried, SPC is extremely difficult to remove from surface.
- Do not apply when ambient temperature drops below 55F or above 100F.
- SPC has a minor, almost insignificant trace of VOC. Incidental skin contact is not hazardous, but ingestion or eye contact should be avoided.
- For more information, refer MSDS.

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