SPI COATINGS

PROVEN PERFORMANCE • REAL WORLD SOLUTIONS

INSULATION AND CORROSION SPECIALISTS

SP TEXTURE COAT

Technical Data Sheet (07/1/18)

DESCRIPTION

SP TEXTURE COAT is a mixture of high-performance ceramics and acrylics specially blended for breathability, adhesion, flexibility, and toughness. Additional lightweight aggregate compound is added into the formulation to insure a texture yet having added characteristics not found in standard dry mix ratios of stucco. SP TEXTURE is tested to show a low permeability and is not affected by water or moisture-penetration. It is designed to stay down for a long bonding life. It will not crack and peel. It is UV-protected for long life and durability against weathering whether in hot or cool climates, or whether in high humidity or very dry environments.

SP TEXTURE COAT was designed to coat a variety of surface structures on metal, wood, stone, concrete, fiberglass or composites. SP TEXTURE COAT breathes, and unlike standard stucco, can flex with the substrate without cracking, giving years of maintenance-free service. SP TEXTURE COAT will not allow water to penetrate and damage substrates. It has a mildew resistant agent in the formula to guard against the growth of mold and mildew. When top-coated with SUPER THERM to guard against solar radiation heat absorption, the system created provides an insulating effectiveness on exterior walls and will not detract from the texturing.

APPLICATION METHODS

Surfaces must be clean and dry before application. Any loose or flaking old paints or corrosion must be removed from the surfaces before applying. Pressure-wash is done if possible to remove grease, oil, waxy substances, dirt, salts, etc. SP TEXTURE COAT can be applied by trowel or a Graco GTX 2000EX.

MINIMUM SPREAD RATE

For Smooth Finish – Apply 1 coat of SP TEXTURE COAT to smooth, sealed surface @ 30 sq ft/gallon; (2.8 sqmtr/gallon); 54 mils wet / 42 mils dry (1350 microns wet / 1050 microns dry).

For Textured Finish – Apply in 2 coats; Refer to SP TEXTURE COAT Application Sheet for instructions.

NOTE: Surface and ambient temperatures, as well as wind and humidity will influence and dictate cure-time.

Clean up: Soap and water for both person and equipment.

PHYSICAL DATA

- Solids: White – By weight: 69% / By volume: 77.8%
- 1-3 hours to tack free at 70°F (21°C)
- 2nd coat of SP CERAMIC STUCCO window is 24 hours or less at 70°F (21°C)
- Full cure is 7 days at 70°F (21°C) at 50% Relative Humidity.
- SP TEXTURE COAT must be cured before applying SUPER THERM or any other top coat.
- Lead- and Chromate-free
- Cures By: Evaporation
- Reacted Weight: 13.4 lbs/gallon
- Shelf Life: Up to 2 years unopened under appropriate storage conditions (See MSDS)
- VOC – 1.16 lbs/gal;124 grams per liter
- Tinting: Can be tinted any color for additional fee.
- Maximum Surface Temperature when applying; 150°F (65°C).
- Minimum Surface Temperature when applying; 50°F (10°C).
- Maximum Surface Temperature after curing; 200°F (93°C)

SAFETY PRECAUTIONS

Do not use this product without first taking all appropriate safety measures to prevent property damage and injuries. These measures may include, without limitation: proper ventilation, use of proper lamps, wearing of protective clothing and masks, tenting, and proper separation of application areas. This coating is flammable. Keep away from flame, fire, or other sources of ignition. For more safety procedures, please refer to the SP Texture Coat Safety Data Sheet. KEEP OUT OF REACH OF CHILDREN.

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Application Instructions (7-1-18)

SP TEXTURE COAT is a mixture of high-performance aggregates and acrylics specially blended for breathability, adhesion, flexibility, and toughness. Additional lightweight aggregate compound is added into the formulation to insure a texture yet having added characteristics not found in standard dry mix ratios of stucco. SP TEXTURE COAT is tested to show a low permeability and is not affected by water or moisture-penetration. It is designed to stay down for a long bonding life. It will not crack and peel. It is UV-protected for long life and durability against weathering whether in hot or cool climates or whether in high humidity or very dry environments.

SURFACE PREPARATION

1) Surface must be clean from oil, tar, rust, grease, salts, and films.
2) Use general degreaser if needed.
3) Clean surface using TSP (tri-sodium-phosphate) or a citrus cleaner to release dirt and degreaser residue.
4) Pressure-wash if possible @ 3500 psi.
5) Salt contamination on a surface can come as a result of salt water, fertilizers, and car exhaust. Use Chlor-Rid or equivalent to decontaminate surface if salts are present. Acceptable levels: Nitrates: 5-10 mcg/cm², Sulfates: 5-10 mcg/cm², Chlorides: 3-5 mcg/cm²

Surface must be completely dry before applying.

1) Maximum Surface Temperature when applying; 150°F (65°C).
2) Minimum Surface Temperature when applying; 50°F (10°C).
3) Maximum Surface Temperature after curing; 200°F (93°C).

MIXING

1) Mix using aggressive dispersion blade and drill for 3-4 minutes. (longer if needed)
2) A maximum of one quart of water per 5-gallon pail can be added, if needed.

APPLICATION

SP Texture Coat can be applied by trowel or spray:

1) If application is by trowel, use the appropriate stucco trowel for your desired finish or texture.
2) If application is by spray, use a Graco GTX 2000EX.

MINIMUM SPREAD RATES

For Smooth Finish – Apply 1 coat of SP TEXTURE COAT to smooth, sealed surface @ 30 sq ft/gallon; (2.8 sqmtr/gallon); 54 mils wet / 42 mils dry (1350 microns wet / 1050 microns dry).

For Textured Finish – Apply 1st coat over sealed surface as described above. (Smooth Finish) Apply 2nd coat up to 40 sqft/gallon (3.7 sqmtr/gallon); 40 mils wet / 31 mils dry. (1000 microns wet / 775 microns dry)

CURE TIME

1) 1-3 hours to tack free at 70°F (21°C)
2) 2nd coat of SP TEXTURE COAT window is 24 hours or less at 70°F (21°C)
3) Full cure is 7 days at 70°F (21°C) at 50% Relative Humidity.

- ***NOTE***: Surface and ambient temperatures, as well as wind and humidity will influence and dictate cure-time.

CLEAN-UP OF EQUIPMENT

1) After completion, spray system should be cleaned with soap and water.
2) Trowels can be cleaned with soap and water and reused.

MATERIAL SAFETY DATA SHEET (SUN/11/00)

SECTION I - IDENTIFICATION OF THE PRODUCT AND THE COMPANY:
PRODUCT NAME: SP Texture Coat
RECOMMENDED USE: Exterior covering on walls and roofing
MANUFACTURER: Superior Products International II, Inc.
ADDRESS: 10835 W. 78th St., Shawnee, KS 66214 USA
EMERGENCY TELEPHONE NUMBER: 800/424-9300; 202/483-7616

SECTION II - COMPOSITION & INFORMATION ON INGREDIENTS:
Texanol - 0.5-1.5% (CAS #25265-77-4) - LD50 (3200 mg/kg, oral/rat)
Water borne polyurethane - 7% (CAS #12001-26-2)

SECTION III - HAZARD IDENTIFICATION: This product is water-based and not classified as dangerous for supply or conveyance. The ingredients are water-reduceable. This product has been analyzed for use in and around food manufacturing and found to be safe for use on non-contact surfaces. No toxics or toxic off-gassing is present.

SECTION IV - FIRST AID MEASURES:
EYES: Flush with water for at least 15 minutes; consult physician if irritation continues.
INGESTION: Do not induce vomiting. Drink 1-2 glasses milk/water. Seek medical attention according to amount of product ingested.
SKIN: Wash with mild soap and water.
INHALATION: Remove to fresh air.

SECTION V - FIREFIGHTING MEASURES:
CONDITIONS OF FLAMMABILITY: Not flammable, water-based product
HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide, methacrylate and other noxious gases
AUTOIGNITION TEMP.: NAP MINIMUM IGNITION ENERGY: NAV
FLAMMABLE LIMITS: (Lower) NAP% (Upper) NAP% FIRE POINT: NAP
FLASH POINT & METHOD: NAP SENSITIVITY TO MECHANICAL IMPACT? No
SENSITIVITY TO STATIC DISCHARGE? No
SPECIAL PROCEDURES: Firefighters should wear full-body protection & SCBA
MEANS OF EXTINCTION: Water, water fog, dry chemical, foam or C02

SECTION VI - ACCIDENTAL RELEASE MEASURES: Use kitty litter, sand or other to control spread and absorb liquid.

SECTION VII - HANDLING AND STORAGE:
STORAGE REQUIREMENTS: Keep from freezing. Store below 50C. degrees. Keep container closed tightly to prevent drying out.
HANDLING PROCEDURES/EQUIPMENT: Treat as paint product. Use ventilation and protective equipment to suit conditions of use. Use soap and water for clean-up.

SECTION VIII - EXPOSURE CONTROLS AND PERSONAL PROTECTION:
PERSONAL PROTECTIVE EQUIPMENT: Avoid inhalation of liquid when applying. Use particulate respirator.
ENGINEERING CONTROLS: Use mechanical ventilationto control aerosol or mist if prouct is sprayed.

NAP = Not Applicable NAV = Not Available

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES:
PHYSICAL STATE: Liquid SOLUBILITY IN WATER: soluble/miscible
APPEARANCE AND ODOR: white color, mild acrylic odor
FREEZING POINT: 30F. degrees BOILING POINT: 192C degrees pH: 8
SPECIFIC GRAVITY: 1.4 ODOR THRESHOLD: 0.08-25ppm
COEFF. WATER/OIL: NAV EVAPORATION RATE: slow%
VAPOUR DENSITY (Air = 1): 2.1 VOLATILES:less than 5
VAPOUR PRESSURE: 17mmHg @ 20C degrees

SECTION X - STABILITY AND REACTIVITY:
CONDITIONS OF REACTIVITY: stable CONDITIONS OF INSTABILITY: stable
CHEMICAL INCOMPATIBILITY: strong acids or bases
HAZARDOUS DECOMPOSITION PRODUCTS: none known, no hazardous polymerization
CORROSIVE BEHAVIOR? no

SECTION XI - TOXICOLOGICAL INFORMATION:
ROUTES OF ENTRY: SKIN CONTACT ____ SKIN ABSORPTION ____ EYE CONTACT __X__
INHALATION ____ INGESTION __X__ SYNERGISTIC PRODUCTS none known
EXPOSURE LIMITS: mica 3mg/m (ACGIH)
EFFECTS OF ACUTE EXPOSURE: liquid splash could result in eye or nose irritation and/or headache
EFFECTS OF CHRONIC EXPOSURE: excessive exposure to liquid product may result in minor irritations
MUTAGENICITY: NAP TERATOGENICITY: NAP
REPRODUCTIVE TOXICITY: NAP SENSITIZATION: not expected
CARCINOGENICITY: ingredients not listed
IRRITANCY: possible skin or eye irritation if not washed off

SECTION XII - ENVIRONMENTAL INFORMATION:
Air -this product is environmentally-friendly and poses no threat to the air.
Water -the resins will be diluted and dissipate when flushed with water.
Soil -the resin contents are biogradeable in ground acids over a period of time. No ecological hazards are known to exist.

SECTION XIII - WASTE DISPOSAL: Product spill should be contained by previously described absorption methods, and dried product disposed of as normal industrial waste according to all federal, state or governmental regulations.

SECTION XIV - TRANSPORT INFORMATION: The only restriction to carriage is for protection against freezing. Contents are water-based.

SECTION XV - REGULATORY INFORMATION: Regulatory agency controls and restrictions are minimal regarding conveyance or use of water-based products other than what has been specifically addressed.

SECTION XVI - OTHER INFORMATION: Global Harmonized System #3209.10.000

PREPARED BY: J. Pritchett, Superior Products Int'l II, Inc. DATE: 7-1-18