



# Specialty Flooring Products

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## TECHNICAL DATA: Solvent Based Acrylic Sealer

### Solvent based acrylic sealer (30)

NC-SBAS Solvent based Acrylic Seal is a one component high strength, solvent based acrylic sealer. NC-SBAS has excellent substrate penetration. This product is a stand alone sealer. NC-SBAS is suitable as a topcoat.

#### Recommended Uses

Recommended for sealing concrete substrates, or overlayment systems.

### General Product Data

**SOLIDS BY WEIGHT:**

30% (clear); (+, - 2%)

**SOLIDS BY VOLUME:**

N/A

**VOLATILE ORGANIC CONTENT:**

NON VOC & VOC compliant solvent based pure acrylic coating

**RECOMMENDED FILM THICKNESS:**

3-5 mils per coat wet thickness (yields 2-3 mils dry)

**COVERAGE PER GALLON:**

320- 500 square feet @ 3-5 mils wet thickness

**PACKAGING INFORMATION**

5 gallon kits (volume approx.)

**SHELF LIFE:**

1 year in unopened containers

**STANDARD COLORS:**

Clear

**FINISH CHARACTERISTICS:**

High Gloss

**IMPACT RESISTANCE:**

Gardner Impact, direct = 50 in.lb. (passed)

**ABRASION RESISTANCE:**

N/A

**FLEXIBILITY:**

N/A

**ADHESION:**

Has great adhesion to concrete substrates and overlayments.

**VISCOSITY:**

N/A

**DOT CLASSIFICATIONS:**

Not regulated

**MIX RATIO:**

N/A

**CURE SCHEDULE:**

Pot life – 1 gallon volume ..... N/A  
Tack free (dry to touch)..... 4-6 hours  
Recoat or topcoat..... 7-10 hours

**PRIMER:**

Required none

**TOPCOAT:**

None needed

**APPLICATION TEMPERATURE:**

55-90 degrees F with relative humidity below 75%

**CHEMICAL RESISTANCE:**

REAGENT	RATING
acetic acid 5%	1
xylene	1
mek	1
gasoline	1
10% sodium hydroxide	1
50% sodium hydroxide	1
10% sulfuric	1
10% hydrochloric acid	1
20% nitric acid	1
ethylene glycol	1

Rating key: 1 - not recommended, 2 - 2 hour term splash spill, 3 - 8 hour term splash spill, 4 - 72 hour immersion, 5 - long term immersion. NOTE: extensive chemical resistance information is available through your sales representative.

**LIMITATIONS:**

- \* Gloss may be affected by humidity, low temperatures, chemical exposure or sodium vapor lighting.
- \* Product will not yellow in the presence of UV light
- \* For best results 1/4" or 3/8" nap roller or Spayer
- \* Substrate must be sound and in good condition for coating to be applied
- \* Substrate temperature must be 5°F above dew point.
- \* Physical properties listed on this technical data sheet are typical values and not specifications.
- \* See reverse side for limitations of our liability and warranty.
- \* See reverse side for application instructions.

# Solvent based Acrylic Sealer

## Mixing and Application Instructions

**PRODUCT STORAGE:** Store product in an area so as to bring the material to normal room temperature before using. Continuous storage should be between 60 and 90 degree F. Keep from freezing.

**SURFACE PREPARATION:** Surface preparation will vary according to the type of complete system to be applied. For a one or two coat thin build system (3-10 mils dry) we recommend screening or acid etching until a suitable profile is achieved. All dirt, oil, dust, foreign contaminants and laitance must be removed to assure a trouble free bond to the substrate. A test should be made to determine that the concrete has an appropriate vapor barrier. This can be done by placing a 4'X4' plastic sheet on the substrate and taping down the edges. If after 24 hours, the substrate is still dry below the plastic sheet, then the substrate does not show signs of eventual hydrostatic pressure problems that may later cause disbanding.

**PRODUCT MIXING:** This product comes pre-packaged by weight. Mix this product with a jiffy mixer.

**PRODUCT APPLICATION:** The mixed material can be applied by brush or roller. Maintain temperatures within the recommended ranges during the application and curing process. Apply material with relative humidity within the parameters shown on the technical data. When the end of the pot life has been reached, you will find that the material becomes hard to apply and will actually tend to roll back up onto the

**PRODUCT APPLICATION (CONT'D):** roller. Do not try to continue application when the coating has reached this step. Applications made at different times with differing environmental conditions, may show slight variations in gloss.

**RECOAT OR TOPCOATING:** If you opt to recoat or topcoat this on product, you must first be sure that all of the solvents and water have evaporated from the coating during the curing process. The information the front side are reliable guidelines to follow. However, it is best to test the coating before recoating or top coating. This can be done by pressing on the coating with your thumb to verify that no fingerprint impression is left. If no impression is created, then the recoat or topcoat can be started. Always remember that colder temperatures will require more cure time for the product before recoating or top coating can commence. Before recoating or top coating, check the coating to insure no blushing has developed (a whitish, greasy film or deglossing). If a blush is present, it must be removed prior to top coating or recoating. A standard type detergent cleaner can be used to remove any blush.

**CLEANUP:** Use PM solvent

**FLOOR CLEANING:** Caution! Some cleaners may affect the color of the floor installed. Test each cleaner in a small area, utilizing your cleaning technique. If no ill effects are noted, you can continue to clean with the product and process tested.

**RESTRICTIONS:** Restrict the use of the floor to light traffic and non-harsh chemicals until the coating is fully cured (see technical data under full cure). It is best to let the floor remain dry for the full cure cycle.

### Warranty

Since no control is exercised over product use, The Nikka Corporation warrants that its products are manufactured free from defect and are consistent and within manufacturing tolerances on our data sheets. No other oral or written representation or statement of any kind, expressed or implied, now or hereafter made is authorized or warranted by The Nikka Corporation. This product is supplied on the condition that you shall make your own tests to determine the suitability of our product for your particular use. The Nikka Corporation shall have no liability for incidental or consequential damage, direct or indirect. Our liability is limited to price of or replacement of our product at our option. By accepting delivery of our product means that you have accepted the terms of The Nikka Corporation Warranty.

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