



PRODUCT DATA SHEET

SanyBond® - 8000

Modified Vinyl- Alkyd Primer

GENERIC TYPE:

Single pack, fast drying vinyl copolymer pitch primer.

DESCRIPTION: *SanyBond-8000* provides anticorrosive protection when applied directly onto prepared steel.: Normally used in conjunction with *SanyBond-6000* copolymer pitch paints for the protection of marine structures in the tidal zone, or with sophisticated antifouling systems on ships bottoms. Is an excellent primer for bare steel and tie coat for the following generic coatings; Vinyls, catalyzed epoxies, epoxy esters, chlorinate rubber, alkyds and acrylic latexes. Provides good weathering and corrosion resistance.

FEATURES:

- Excellent Shop Primer
- Permits rapid topcoating
- Lead and Chromate-free
- Fast dry Primer
- Protects against atmospheric corrosion

RECOMMENDED USES:

SanyBond-8000 coating is developed specifically for use as primer and universal tie coat for most generic topcoats. Provides anticorrosive protection when applied directly onto prepared steel.: Normally used in conjunction with *SanyBond-6000* copolymer pitch paints for the protection of marine structures in the tidal zone, or with sophisticated antifouling systems on ships bottoms.

NOT RECOMMENDED FOR:

Immersion service, heavily rusted or pitted surfaces.

ORDER INFORMATION: Prices may be obtained from *SanyChem Sales Representative* or main Office.

APPROXIMATE SHIPPING WEIGHT :

Freight Classification: Paint, Combustible Liquid UN1263, PG III

Packaging:	1 gallon (3.785L)	5 gallons (18.925L)
<i>SanyBond-8000</i>	11 lbs. (5.0 kg.)	55 lbs. (25.0 kg.)
<i>SolvenSany # 268</i> Thinner	9 lbs. (4.1 kg.)	45 lbs. (20.4 kg.)

Shipping Weight:	4 gallon case - 44 lbs. (20.0 kg)
	5 gallon pail - 55 lbs. (25.0 kg)

FLASH POINT (Pensky/Martens Closed Cup) :

	Flash Point
<i>SanyBond-8000</i>	52 °F (11 °C)
<i>SolvenSany # 268</i> Thinner	77 °F (25 °C)

TYPICAL CHEMICAL RESISTANCE (With Suitable Topcoat)

Exposure	Splash & Spillage	Fumes
Acids	Good	Good
Alkalies	Fair	Fair
Solvents	Fair	Good
Salt	Very Good	Very Good
Water	Very Good	Very Good

SPECIFICATION DATA

- **Solids Content By Volume:** *SanyBond-8000* 42% ± 2%
- **Theoretical Coverage Rate per Gallon: ***
SanyBond-8000 16.8 m² / Lit at 25 microns
6.5 m² / Lit at 65 microns
- Mixing and application losses will vary and must be taken into consideration when estimating job requirements.
- **Volatile Organic Content (VOC) as supplied * :**
SanyBond-8000 517 Grama/L
- * May vary with color
- **Temperature Resistance** (Non-Immersion)
Continuous : 160 °F (71 °C)
Non-Continuos : 200 °F (93 °C)
- **Flexibility:** Excellent
- **Abrasion Resistance:** Good
- **Weathering:** Very Good
- **Recommended Dry Film Thickness Per Coat :**
2 - 3 mils (50 -75 microns)
- **Color Standard in :** Red, Off-White and Gray only
- **Gloss** Flat
- **Substrates:** May be applied over properly prepared steel, Aluminum or others as recommended.
- **Shelf Life :** 24 months when stored at 75 °F (25 °C)
- **Storage Conditions:** Store indoors.
Temp.: 40 - 110 °F (4 -43 °C)
Humidity: 0 - 100%

Topcoat Required: May be topcoated with acrylics, Chlorinated rubbers, Vinyls, catalyzed epoxies, Alkyds or others. Please consult the appropriate system guide, the particular job specification or your *SanyChem Coatings'* Industrial Coatings Specialist for proper systems using this product. Systems must be selected considering the particular environment involved.

Specific recommendations do not topcoat directly with coatings containing strong solvents like epoxies or vinyls.

NOTE: A test patch is recommended to assure adhesion of *SanyBond-8000* over others coatings or the adhesion of topcoats to *SanyBond-8000*.

Compatibility with other Coatings: May be applied over tightly adhering vinyls, Chlorinated Rubbers, Acrylics, Alkyds, Catalyzed epoxies or other as recommended. May be use over *ZinCoat-400 HS* (Inorganic Zinc primers for non-immersion, atmospheric exposures.)



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APPLICATION INSTRUCTIONS

These instructions are not intended to show product recommendations for specific service. They are issued as an aid in determining correct surface preparation, mixing instructions, and application procedure. It is assumed that the proper product recommendations have been made. These instructions should be followed closely to obtain the maximum service from the materials.

Substrates & Surface Preparation

General:

All surfaces must be clean and dry prior to coating. Remove any oil or grease with clean rags soaked in **SolvenSany # 252 Thinner** in accordance with SSPC-SP-1-82 or power wash with **SanyChem MetalCleaner # 100** diluted in water and rinse.

All surfaces must be sound, dry, clean, and free of oil, grease, dirt, mildew, form release agents, curing compounds, efflorescence, loose and flaking paint and other foreign substances.

NON IMMERSION SERVICE:

Uncoated Steel:

Dry abrasive blast to a Commercial Grade Finish in accordance with SSPC-SP-6-63 to a degree of cleanliness in accordance with NACE #3 to obtain a 1/2 to 1 1/2 mil (12-40 microns) blast profile.

Power Tool Clean SSPC-SP-3-82

For application over intact existing coating, the surface must be clean, dry and free of any contaminants. Loose edges should be feathered into sound coating and spot primed.

Mixing: Power Mix to smooth consistency before thinning.

Thinning:

Spray : May be thinned up to 25% by volume with **SolvenSany # 276**.

Brush or Roller: May be thinned up to 25% by volume with **SolvenSany # 276**.

Application Equipment

Listed below are general equipment guidelines for the application of this product. Job site conditions may require modifications to these guidelines to achieve the desired results. The following equipment has been found suitable and is available from manufacturers such as Binks, DeVilbiss and Graco.



Application Equipment

Listed below are general equipment guidelines for the application of this product. Job site conditions may require modifications to these guidelines to achieve the desired results. General guidelines:

Spray Application

Spray

Use sufficient air volume for correct operation of equipment. Use a 50% overlap with each pass of the gun. On irregular surfaces, coat the edges first, making an extra pass later.

The following spray equipment has been found suitable and is available from manufacturers such as Binks, DeVilbiss and Graco.

Conventional Spray

Use a 3/8" minimum I.D. material hose. Hold gun approximately 12-14 inches from the surface and at a right angle to the surface.

Mfr. & Gun	Fluid Tip	Air Cap.
DeVilbiss P-MBC or JGA	E	704
Binks #18 or #62 I.D.	66	63 PB

Approx. 0.070" I.D.

Airless Spray

Use 3/8" minimum I.D. material hose. Hold gun approximately 18-20 inches from the surfaces and at a right angle to the surface.

Mfr. & Gun	Pump
DeVilbiss JGN-502	QFA-514 or QFA-519
Binks Model 700	Mercury 5C or B8-36 37:1
Graco 205-591	President 30:1 or Bulldog 30:1

Use a 0.017" - 0.021" tip with 2000 psi.

Teflon packings are recommended and available from the pump manufacturer.

Contact



For information and Prices, Please Call a SANYCHEM Local Sales Representative.

Phones:



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Drying Time:

At 2 1/2 mils (65 microns) and 50% R.H.

Temperature	To Handle	Topcoat Time
40 °F(4 °C)	6 hours	24 hours
50 °F(10 °C)	4 hours	16 hours
60 °F(16 °C)	2 hours	8 hours
75 °F(24 °C)	1 hour	4 hours
90 °F(32 °C)	30 minutes	2 hours

These times are based on recommended dry film thickness. Excessive film thickness or inadequate ventilating conditions after application require longer dry times and will cause premature failure in extreme cases.

APPLICATION CONDITIONS

	Material	Surfaces	Ambient	Humidity
Normal	60 – 90 °F (16 – 32 °C)	65 – 85 °F (18 – 29 °C)	55 – 100 °F (13 – 38 °C)	10 – 85 %
Minimum	45 °F (7 °C)	35 °F (2 °C)	40 °F (4 °C)	0 %
Maximum	100 °F (38 °C)	150 °F (66 °C)	120 °F (49 °C)	95 %

Do not apply when the surface temperature is less than 5 °F or 3 °C above the dew point.



Brush & Roller

Use natural bristle brush. Use full strokes, avoid rebrushing. Thin up to 25% with SolvenSany # 268 Thinner in hot weather. If rolled, use short nap mohair roller with phenolic core. Avoid rerolling.

Cleanup & Safety

Cleanup

Use **SolvenSany #252**. In case of spillage, absorb and dispose of in accordance with local applicable regulations.

Safety

Read and follow all caution statements on this product data sheet and on the MSDS for this product. Employ normal workmanlike safety precautions. Hypersensitive persons should wear protective clothing, gloves and use protective cream on face, hands and all exposed areas.

Ventilation

When used as a tank lining or in enclosed areas, thorough air circulation must be used during and after application until the coating is cured. The ventilation system should be capable of preventing the solvent vapor concentration from reaching the lower explosion limit for the solvents used. In addition to ensuring proper ventilation, appropriate respirators must be used by all application personnel.

Caution



This product contains flammable solvents. Keep away from sparks and open flames. All electrical equipment and installations should be made and grounded in accordance with the National Electric Code. In areas where explosion hazards exist, workmen should be required to use non-ferrous tools and wear conductive and non-sparking shoes.

FOR INDUSTRIAL USE ONLY. KEEP AWAY FROM CHILDREN. 1/2001



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