



PRODUCT DATA SHEET

SanyBond® - 6000 HS

Modified Vinyl Topcoat Finish

GENERIC TYPE:

Single pack, fast drying vinyl copolymer topcoat.

DESCRIPTION: *SanyBond-6000 HS* is a high build vinyl topcoat readily applied at thickness of 4-5 mils (100-125 microns in one coat). Can be applied directly over **ZinCoat-400 HS** and other inorganic Zinc Primers. A mist coat will reduce tendency to bubble under certain conditions. **SanyBond-6000 HS** has low gloss finish, excellent color retention, and can be applied by conventional or airless spray.

FEATURES:

- Permits rapid topcoating
- Lead and Chromate-free
- Fast dry Topcoat
- Protects against atmospheric corrosion

RECOMMENDED USES:

SanyBond-6000 HS coating is developed specifically for use as topcoat directly over **ZinCoat-400 HS**. It can be used over suitable **SanyChem** primers such as **SanyBond-8000**, **SanyBond-WP100** or **SanyMastic-5000**. **SanyBond-6000 HS** provides excellent protection in industrial environments, including splash, spillage and fumes service over vinyl or inorganic zinc primers. Areas of use include structural steel, pipe exteriors, walls, tank and equipment exteriors, galvanized steel and cementitious surfaces.

NOT RECOMMENDED FOR:

Solvent exposures or immersion service.

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)
SanyBond-6000 HS	11 lbs. (5.0 kg.)	53 lbs. (24.1 kg.)
SolvenSany # 252 Thinner	9 lbs. (4.1 kg.)	45 lbs. (20.4 kg.)
SolvenSany # 268 Thinner	9 lbs. (4.1 kg.)	45 lbs. (20.4 kg.)

Shipping Weight: 4 gallon case - 44 lbs. (20.0 kg)
5 gallon pail - 53 lbs. (24.1 kg)

FLASH POINT (Pensky/Martens Closed Cup) :

	Flash Point
SanyBond-6000 HS	62 °F (17 °C)
SolvenSany # 268 Thinner	30 °F (-1°C)
SolvenSany # 268 Thinner	77 °F (25°C)

TYPICAL CHEMICAL RESISTANCE

Exposure	Fumes
Acids	Very Good
Alkalies	Good
Solvents	Fair
Salt	Excellent
Water	Excellent

SPECIFICATION DATA

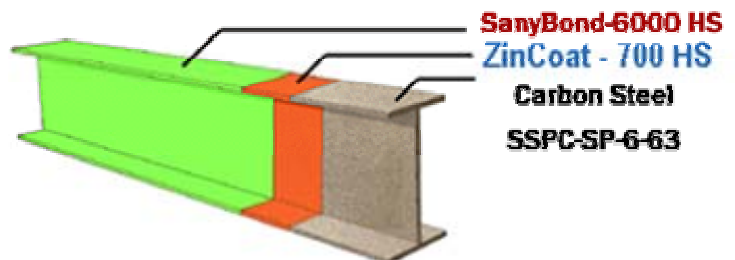
- **Solids Content By Volume:** **SanyBond-6000 HS** 34% ± 2%
- **Theoretical Coverage Rate per Gallon: ***
SanyBond-6000 HS 13.6 m² / Lit at 25 microns
3.4 m² / Lit at 100 microns
- Mixing and application losses will vary and must be taken into consideration when estimating job requirements.
- **Volatile Organic Content (VOC) as supplied * :**
SanyBond-6000 HS 520 Grama/L
- * May vary with color
- **Temperature Resistance** (Non-Immersion)
Continuous : 150 °F (66 °C)
Non-Continuos : 180 °F (82 °C)
- **Flexibility:** Good
- **Abrasion Resistance:** Good
- **Weathering:** Very Good
- **Recommended Dry Film Thickness Per Coat :**
4 mils (100 microns)
- **Color Standard in :** Available in a variety of colors.
- **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: Normally none. 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-6000 HS** over others coatings or the adhesion of topcoats to **SanyBond-6000 HS**.

Compatibility with other Coatings: May be used over Vinyls, Acrylics, Chlorinated rubbers, Inorganic Zinc, or other recommended primers. A mist coat may be required when applying over **ZinCoat-400 HS** (Inorganic Zinc primers.)



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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:

Steel:

Apply over clean, dry recommended primer.

Concrete: Apply over clean, dry recommended surfacer or primer.

Mixing: Power Mix to smooth consistency before thinning.

Thinning:

May be thinned up to 12% by volume with **SolvenSany # 268**.

May be thinned up to 12% by volume with **SolvenSany # 250** for temperature below 60 °F (16 °C) or where rapid drying is essential.

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	66	63 PB
I.D.	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.

Drying Time:

At 4 mils (100 microns) and 50% R.H.

Temperature	Recoat or to Handle
40 °F(4 °C)	24 hours
50 °F(10 °C)	18 hours
60 °F(16 °C)	10 hours
75 °F(24 °C)	5 hours
90 °F(32 °C)	3 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 re-rolling.

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



Contact



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

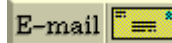
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