



# PB960 High Strength Polystyrene Adhesive

Technical Data

April 2018

**Product Description** A versatile high performance industrial contact adhesive specifically designed for bonding expanded polystyrene. It may also be used on a variety of other substrates including fabric, upholstery, foam, cork and many plastics.

## Typical Physical Properties

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

PB960 High Strength Polystyrene Adhesive	
Base	Synthetic Elastomer
Solids Content (by wt.)	30.5%
Density (lbs/gal)	5.90
Viscosity (cps)	N/A
Colors	Clear or green
Volatile Organic Compounds (VOC)	83% or 630 g/l
Hazardous Air Pollutants (HAPS) % wt (calculated)	<33%
CARB Compliant	No
SCAQMD 1168 Compliant	No
GREENGUARD Indoor Air Quality Certified®	N/A
LEED® Eligible	N/A
Spray Pattern	Web
Dry Time	3 - 5 minutes
Bonding Range	20 - 40 minutes
Shear Adhesion Failure Test – SAFT <sup>(1)</sup>	190°F (88°C)
Flammable Solvent	Yes
Flammable Propellant	Yes

<sup>(1)</sup>SAFT Shear Adhesion Failure Test with birch plywood, 1 inch overlap, 100 grams used, temperature start at 90°F and ramped 10°F every 10 mn. until complete failure.

## Key Features

- Fast tack, strong bonds
- Non-chlorinated adhesive
- Water resistant

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## Directions for Use

PB960 High Strength Polystyrene Adhesive is a contact spray adhesive designed to be applied to the two surfaces about to be joined. Spray an even coat of adhesive to cover 80% to 100% of the surfaces. Do not wet the surface. Allow to dry 2 to 4 minutes and become tacky. For porous surfaces and crucial areas such as edge bonding, it is recommended to apply a second coat after the first has dried and become tacky. Place the coated surfaces together and apply a uniform pressure for strongest bond. Full adhesive strength will be reached in 24 hours. Please note that adhesive and substrates should be 60°F or higher for best results. Also insure that surfaces are dry and free from dirt.

## Available Sizes

Container Size	Clear		Green	
	3M ID	UPC Number	3M ID	UPC Number
Aerosol	17-0000-0789-2	0-00-51131-28202-5	17-0000-0790-0	0-00-51131-28203-2
Large Cylinder – 30 lbs.	17-0000-0793-4	0-00-51131-28206-3	17-0000-0794-2	0-00-51131-28207-0
Jumbo Cylinder – 300 lbs.	-	-	17-0000-0792-6	0-00-51131-28205-6

## Cylinder Accessories

Accessories	Description	3M ID Number	UPC Number
Applicator	Cylinder Adhesive Applicator w/ 9501 tip	62-9880-9930-5	00-048011-61706-0
Hoses	Cylinder Adhesive 6' Hose	62-9880-0006-3	00-051115-25036-1
	Cylinder Adhesive 12' Hose	62-9880-0012-1	00-048011-61988-0
	Cylinder Adhesive 25' Hose	62-9880-0025-3	00-048011-61989-7
Tips	Cylinder Spray Adhesive 9501 Spray Tip	62-9880-9501-4	00-048011-61707-7
	Cylinder Spray Adhesive 6501 Spray Tip	62-9880-6501-7	00-048011-61991-0

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<b>Storage Conditions</b>	Store product at 60°- 80° F (16°- 27°C) for maximum storage life. Higher temperatures reduce normal storage life. Lower temperatures may cause increased viscosity of a temporary nature. Rotate stock on a “first in-first out” basis.
<b>Shelf Life</b>	When stored at the recommended conditions in original, unopened container, this product has a shelf life of 15 months from date of shipment.
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Industrial Adhesives and Tapes Division  
3M Center, Building 225-3S-06  
St. Paul, MN 55144-1000  
800-362-3550  
[www.3M.com/northstarlegacy](http://www.3M.com/northstarlegacy)

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