



## WONDERBOND EPR-20 VS

### Description

Hexion Specialty Chemicals' Wonderbond EPR-20 VS is a new adhesive chemistry which leverages the best properties of both thermoset and thermoplastic resin technologies. The new hybrid formulation offers the heat and water resistance of a phenolic resin with the ease of use and cost-efficiency associated with a PVAc. Once catalyzed with Wonderbond® Hardener M-318LY, this mixed adhesive is designed for ambient cure finger jointing of vertical studs. This adhesive meets the Method A requirements of NLGA SPS ANNEX B, Elevated-Temperature Adhesive Qualification Procedure. This product is not recommended for Structural applications other than Vertical Stud use.

### Typical Physical Properties (at time of manufacture):

Property	Specification	Units
Emulsion Type	Cross-linking PVAc	
Color – Wet	White	
- Dry	Translucent/Cream	
Viscosity	2,300	cps (LV #3/12/25°C)
pH	5.0	(@ 25°C)
Solids	50.0	%
Minimal Use Temperature:	40	°F
Weight/Gallon	10.6	Lbs.
Mixed Viscosity	2000	cps
Mixed pH	2.6	
Freeze/Thaw Stable	Yes	Five (5) Cycles
Catalyzed Pot Life, @70°F (mix ratio 100 parts EPR-20 VS to 5 parts Hardener):		24 + Hrs
Storage Life, Emulsion	4 months	between 50°F - 90°F
Storage Life, Hardeners	12 months	between 32°F - 90°F

### Performance Properties:

Property	Specification
HPMA HP-1-2004	Type I
ASTM D-5751-99 (2005)	Wet Use
ASTM D-4317-98 (2004)	Type I
WWPA 101.97 revised Aug. 1998	Interior studs and white speck

WONDERBOND® is a registered trademark of Hexion Specialty Chemicals, Inc.

Before using any Hexion Specialty Chemicals, Inc. product, please be sure to read the Material Safety Data Sheet which was included with the shipment.

For more information contact your local Hexion Sales Representative or Customer Service Center (866) 443-9466.

**Hexion Specialty Chemicals, Inc.**  
 180 East Broad Street  
 Columbus, OH 43215  
 + 1 614 225 4000

For worldwide locations visit  
[hexionchem.com](http://hexionchem.com)

© 2001 Hexion Specialty Chemicals, Inc. Printed in U.S.A.

® and ™ Licensed trademarks of Hexion Specialty Chemicals, Inc.

The information provided herein was believed by Hexion Specialty Chemicals ("Hexion") to be accurate at the time of preparation or prepared from sources believed to be reliable, but it is the responsibility of the user to investigate and understand other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling and use of the product and to determine the suitability of the product for its intended use. All products supplied by Hexion are subject to Hexion's terms and conditions of sale. HEXION MAKES NO WARRANTY, EXPRESS OR IMPLIED, CONCERNING ANY PRODUCT OR THE MERCHANTABILITY OR FITNESS THEREOF FOR ANY PURPOSE OR CONCERNING THE ACCURACY OF ANY INFORMATION PROVIDED BY HEXION, except that the product shall conform to Hexion's specifications. Nothing contained herein constitutes an offer for the sale of any product.