

# MINE SAFETY & HEALTH ADMINISTRATION

## APPROVAL&CERTIFICATION CENTER

### LIST OF SUITABLE SEALANTS WITH SUITABILITY NUMBERS (For Ventilation Controls)

#### **United States Department of Labor Mine Safety and Health Administration Approval & Certification Center**

Listing of Suitable Mine Sealants for Ventilation Controls (stoppings & overcasts) per 30 CFR 57.4560 and 75.333.

All finished products meet ASTM E162 Flame Spread Index of 25 or lower.

Products marked “Suitable for Dry Stacked Stoppings” have been evaluated as strength-enhancing by meeting or exceeding 39 lbs/sq ft when tested using ASTM E72 as part of a dry-stacked assembly.

Suitability evaluation is not approval and is not required. Testing by ASTM E 162 (for all flame-resistant sealants) and strength testing (for dry-stacked stoppings, typically by ASTM E72) is required.

A product’s presence on this list is not a determination on whether the product is non-combustible. ASTM E162 is a test for flame spread and products are considered flame resistant.

For questions or concerns, contact Quality Assurance and Materials Testing Division at 304-547-0400.

Manufacturer	Suitability Number	Trade Name [Type]	Water Soluble	Test Thickness (inches)	Date Accepted as Sealant	Suitable for Dry Stacked Stoppings
<b>Airtite Mine Products</b> 109A Fortune Drive Frankfort, KY 40601 [transferred from MINOVA]	S40/02	Airtite Trowelgrade [Silicate, Clay] (formerly:10-14 TG Airtite or Airtite Trowel FB)	YES	1/8	11/14/2016 (previously suitable under Minova)	YES
	S40/03	Airtite Spraygrade [Silicate] (formerly 10-19 SG Airtite or Airtite Spraygrade FB)	YES	1/8	11/14/2016 (previously suitable under Minova)	YES
	S40/04	Airtite Spraygrade HC [Silicate] (formerly 10-19 HC Airtite or Airtite Spraygrade FBHC )	NO	1/8	11/14/2016 (previously suitable under Minova)	YES
	S40/05	Airtite Caulkgrade (formerly 10-15 CG Airtite)	YES	1/8	11/14/2016 (previously suitable under Minova)	YES
	S40/06	Airtite MTA [formerly AirCheck MTA or AirCheck GSA-T or Airtite Mine Sealant MTA (trowelgrade)]	YES	1/8	07/12/1989	YES

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<b>Airtite Mine Products</b> 109A Fortune Drive Frankfort, KY 40601 [transferred from MINOVA]	S40/01	Airtite TTF [Silicate, Clay] [formerly AirCheck TTF or AirCheck Spray SMS or AirCheck GSA-S (AirCheck GSA) or Airtite Mine Sealant TTF (trowelgrade)]	YES	1/8	06/25/1990	YES
<b>BASF Construction Chemicals</b> 4103 San Marcos Road Louisville, KY 40299	S32/00	MEYCO TSL 865 [polymer, lime, limestone]	NO	1/4	01/12/2010	YES
<b>Bluefield Manufacturing, Inc.</b> 351 Industrial Park Rd. Bluefield, VA 24605	S21/00	Vent Wrap	NO		12/06/2001	NO
<b>DAP Products, Inc.</b> 1629-1645 Manufacturers Dr. Fenton, MO 63026	S17/00	Touch 'N Seal U2-200FR or U2-600FR [Polyurethane]	NO	1	11/30/1994	NO
	S17/01	Touch 'N Seal U2-200FR or U2-600FR [Polyurethane]	NO	3/4	08/20/2004	NO
	S17/02	Touch 'N Seal Mine Foam	NO	3/4	03/31/2008	NO
<b>Eagle Seal</b> P.O. Box 283 McLeansboro, IL 62859		Eagle Seal Mine Sealant	YES	1/8	08/17/1990	YES
	S11/02	Eagle Seal "Spray Grade" Mine Sealant [Silicate]	YES		03/29/1991	NO
	S11/01	Eagle Seal Grade 0 Mine Sealant [Silicate]	YES	1/8	05/02/1994	NO
		Eagle Seal-M-Grade Mine Sealant	YES		11/26/1991	NO
	S11/04	Eagle Seal Roof & Rib Mine Sealant [Sugar]	YES	1/8	06/30/1995	NO

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<b>Eagle Seal</b> P.O. Box 283 McLeansboro, IL 62859	S11/00	Eagle Seal Mine Sealant (air-floated) [Silicate]	YES		04/18/1997	NO
	S11/03	Eagle Seal Caulk Grade [Silicate]	NO		01/01/1999	NO
<b>ICP Adhesives &amp; Sealants, Inc.</b> 2775 Barber Road Norton, OH 44203	S10/00	Silent Seal [Polyurethane]	NO		08/00/1999	NO
	S10/01	Silent Seal MVS [Polyurethane]	NO		07/08/2011	NO
	S10/02	Silent Seal VCF Mine Sealant [Polyurethane]	NO	1	06/04/2019	NO
<b>Hilti</b> 5400 S. 122 <sup>nd</sup> Ave Tulso, OK 74146	S29/00	FS-One Firestop [Polyacrylate caulking]	NO	1/2	08/09/2006	NO
<b>King Packaged Materials</b> 3385 Harvester Road Burlington, Ontario L7N 3N2	S38/01	MS-D3 X2 SY [Silicate, Portland Cement]	NO	1	10/27/2016	NO
<b>LINE-X</b> 6 Hutton Centre Dr., Suite 500 Santa Ana, CA 92707	S30/00	XS-252 [Polyurethane]	NO		07/28/2008	NO
<b>Magnum Products</b> P.O. Box 15868 Lenexa, KS 66285	S13/02	Brattiskote Sealant [Calcite]	YES	1/8	10/18/1999	YES (YTONG Only)
	S13/01	Fast Stop [Calcite]	YES	1/8	10/19/2000	YES
<b>Magnum Products</b> P.O. Box 15868 Lenexa, KS 66285	S13/00	Magnum Bond [Calcite]	YES	1/4	11/01/2000	YES

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<b>Normet Americas</b> 1414 Gladiola Street, Suite 100 Salt Lake City, UT 84104	S37/01	TamCrete SSL [Polyacrylate, Ash]	NO	1/4	07/13/2016	YES
<b>Pyro-Chem Corporation</b> P.O. Box 426 South Point, OH 45680		Pyro-Chem C	YES		08/23/1983	YES
	S15/00	Pyro-Chem TC [Silicate]	YES	1/8	09/26/1988	YES
		Pyro-Chem Proseal HT	YES	1/8	09/26/1988	YES
		Pyro-Chem Proseal "THT"		1/4	05/30/1996	YES
	S15/01	Pyro-Chem Proseal "TNT" [Silicate]		1/8	08/11/1997	YES
	S15/02	Pyro-Chem SNT		1/8	01/26/2001	YES
	S15/03	Pyro-Chem JTS Mine Sealant		1/4	01/03/2012	YES
	S15/04	Pyro-Chem		3/16	09/27/2013	YES
<b>Pyro-Chem Corporation</b> P.O. Box 426 South Point, OH 45680	S15/02	Pyro-Chem Proseal "SNT" [Silicate]		1/8	10/19/1998	YES
	S15/03-1	Pyro-Chem JTS [Calcite]	NO	1/16	03/20/2012	YES
	S15/04	Sealit Spray [Calcite]	NO	3/16	09/27/2013	YES
<b>Quaker Chemical</b> 901 East Hector Street Conshohocken, PA 19428	S39/01	Minetech Q-Foam [Polyurethane]	NO	1	01/28/2017	NO

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<b>The Quikrete Companies</b> Atlanta, GA 30345-3023	S19/00	BBond MS Mine Sealant [Portland Cement]	NO	3/16	07/09/2001	YES
	S19/01	BBond A Mine Sealant [Portland Cement]	NO	3/16	11/19/2002	YES
<b>RHH Foam Systems</b> 6001 South Pennsylvania A Cudahy, WI 53110	S14/00, S28/00	Versi-foam [Polyurethane]	NO		01/20/1999	NO
<b>Rohm &amp; Haas</b> 100 Independence Mall West Philadelphia, PA 19106	S23/00	Castonite MM-NAR [Gypsum, Acrylic]	YES	3/16	02/23/2004	YES