

MINE SAFETY & HEALTH ADMINISTRATION

APPROVAL & CERTIFICATION CENTER

ENGINEERING & TESTING DIVISION

HARRY VERAKIS - CHIEF

LIST OF SUITABLE SEALANTS
FOR
MINE VENTILATION CONTROLS
(Stoppings & Overcasts)

May 13, 2002

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

Listing of Suitable Mine Sealants for Ventilation Controls (stoppings & overcasts)

| Manufacturer | Acceptance Number | Trade Name | Water Soluble | Thickness (inches) | Date Accepted as Sealant | Suitable for Dry Stacked Stoppings |
|---|--------------------------|-------------------------------|----------------------|---------------------------|---------------------------------|---|
| Acme Chemical & Insulation Co. Box 1404 New Haven, CT 06505 (203) 562-2171 | | HydroEpoxy 156 | | | | NO |
| Acme Chemical & Insulation Co. | | HydroEpoxy 300 | | | | NO |
| American Stone-Mix 8320 Bellona Avenue Towson, MD 21204-2066 (410) 296-6770 | | AMSPEC Grout | | 1/8 | 06/20/1995 | NO |
| | | AMSPEC Surface Bonding Cement | | 1/8 | 10/01/1996 | YES |
| J.P. Austin Associates, Inc. P.O. Box 808 Beaver Falls, PA 15010 800-569-6037 FAX 412-846-3797 | | MANDOSEAL | | 1/8 | | NO |

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|---|--------------------------|--------------------------------|----------------------|---------------------------|---------------------------------|---|
| Bell Concrete Industries, Inc. P.O. Box 931 Middlesboro, KY 40965 (606)248-3236 | | Pak Mix Surface Bonding Cement | | 0.7 | 09/29/1994 | NO |
| W.R. Bonsal Company P.O. Box 127 Conley, GA 30027 (404) 361-0900 | IC-30 | Surewall (cement) | | 1/8 | 10/25/1973 | YES |
| Burrel Industries, Inc. One Fifth Street, P.O. Box 748 New Kensington, PA 15068 (412)362-4000 | | Surface Bond Pakmix | | | | YES |
| Burrel Mining Products, Inc. of Utah P.O. Box 439 2400 Leechburg Road New Kensington, PA 15608 (412)339-2511 | IC-18/1 | Fibercrete | | | 12/20/1978 | |
| | IC-18/2 | Sealant & Concrete Replacement | | | 12/02/1980 | NO |
| | IC-18/3 | Bur-L-Bond | | | 02/17/1982 | NO |
| | | Burrel Bond | NO | | | NO |

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|---|-------------------|----------------------------------|---------------|--------------------|--------------------------|------------------------------------|
| CISCO (bought out by Quikcrete) Box 134 Pounding Mill, VA 24637 (703) 964-6755 | see Quikcrete | FR-2000 | YES | 1/8 | 05/03/1988 | YES |
| | IC-66/9 | Stop-N-Bond | | 1/8 | 03/29/1991 | YES |
| | | Redi-Seal Mine Sealant | | 1/16 | 09/10/1990 | YES |
| | | Bloc-Bond | NO | | 11/30/1994 | YES |
| | IC-66 | Aero-Seal Formula #1 | | | 12/31/1979 | NO |
| | IC-66/2 | Aero-Seal Formula #2 | | | 12/31/1979 | NO |
| | IC-66/4 | Aero-Seal Fiberglass Reinforced | | | 12/31/1979 | NO |
| | IC-66/4 | Aero-Seal Steel Fiber Reinforced | | | 12/31/1979 | NO |
| | IC-66/5 | Redi-Crete Gravel Concrete Mix | | | 11/12/1980 | NO |
| | IC-66/6 | Redi-Crete Sand Mix #1 & #2 | | | 11/12/1980 | NO |
| | IC-66/7 | Redi-Crete Mortar Mix #1 & #2 | | | 11/12/1980 | NO |
| | IC-66/8 | Aero-Seal Lite | | | 07/24/1981 | NO |

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|--|--------------------------|---------------------------------------|----------------------|---------------------------|---------------------------------|---|
| Clayton Corporation 866 Horan Drive Fenton, MO 63026-2495 (314)349-5333 | | U2-200FR | | | 11/30/1994 | NO |
| E.I. DuPont deNemours & Co. Anchorage Systems Division RR 2 Box 217 Martinsburg, WV 25401 (304)274-2121 | | DuPont Mine Sealant | YES | 1/8 | 03/09/1990 | YES |
| | | DuPont Spray Sealant | YES | 1/8 | 01/09/1991 | YES |
| | | DuPont GTF | YES | | | YES |
| | | DuPont GSF | YES | | | YES |
| | | DuPont YTF (80 to 90) | | 1/8 | 01/18/1995 | YES |
| | | DuPont YSF (60 to 90) | | 1/8 | 01/18/1995 | YES |
| Eagle Seal P.O. Box 283 MeLeansboro, IL 62859 (618)643-2421 | | Eagle Seal Mine Sealant | YES | 1/8 | 08/17/1990 | YES |
| | | Eagle Seal "Spray Grade" Mine Sealant | YES | | 03/29/1991 | YES |
| | | Eagle Seal Grade 0 Mine Sealant | YES | 1/8 | 05/02/1994 | YES |

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|--|--------------------------|--|----------------------|---------------------------|---------------------------------|---|
| | | Eagle Seal-M-Grade Mine Sealant | YES | | 11/26/1991 | NO |
| | | Eagle Seal Roof & Rib Mine Sealant | | 1/8 | 06/30/1995 | NO |
| | | Eagle Seal Mine Sealant (air-floated) | Yes | | 04/18/1997 | YES |
| | | Eagle Seal Caulk Grade | NO | | 01/01/1999 | NO |
| Faswall, Incorporated P.O. Box 1705 Oak Hill, WV 25901 (304)469-2913 | | Faswall Mine Sealant | | | | NO |
| Fomo Products Inc. 2775 Barber Road Norton, OH 44203 | | Silent Seal | NO | | 08/00/1999 | NO |
| FOSROC, Inc. Celtite Division 150 Carley Court Georgetown, KY 40324 (800)626-2948 | | 10-15 TG Airtite now known as Airtite EZ Trowel | YES | | | YES |
| | | 10-14 SG Airtite | YES | | | YES |
| | | 10-14 HC Airtite | YES | | | YES |

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|--------------|-------------------|---|---------------|--------------------|--------------------------|------------------------------------|
| | | 10-14 TG Airtite (Now Trowl grade FB Airtite) | YES | | | YES |
| | | 10-12 Universal Airtite | YES | | | YES |
| | | 10-15 SG Airtite | YES | | | YES |
| | | 10-19 SG Airtite | YES | | | YES |
| | | 10-19 HC Airtite | YES | | | YES |
| | | 10-26 Airtite | NO | | | YES |
| | | 10-15 CG Airtite | YES | | | YES |
| | | 10-15 HC Airtite | YES | | | YES |
| | | 42-51c HI-SEAL Airtite Mine Sealant | | | | NO |
| | | Airtite Trowelgrade FB | | | | YES |
| | | Airtite Spraygrade FB | | | | YES |
| | | Airtite Spraygrade FB HC | | | | YES |
| | | Airtite Trowelgrade Sealant | YES | | | |

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|--|--------------------------|------------------------------------|----------------------|---------------------------|---------------------------------|---|
| | | Trowelgrade FB Airtite | YES | | | YES |
| | | Airtite XTC | | | | YES |
| Gill Chemical Company 6230 MacCorkle Ave., SW St. Albans, WV 25177 (304)727-6343 | | Gill 333 B&P Superbond | | | | NO |
| Hexacomb 75 Tri-State Lincolnshire, IL 60069 (708)317-1991 | | Easy-Seal Mine Sealant | | | | NO |
| Insta-Foam Products, Inc. 1500 Cedarwood Drive Joilet, IL 60435 (615)741-6800 | | 1.75 MSHA | | | 06/27/1994 | NO |
| | | 1.75-25 FS | | | 06/27/1994 | NO |
| Jack Kennedy Metal Products P.O. Box 138 Taylorsville, IL 62568 (217)287-7231 | | MP-568 Kennedy Stopping Sealant | | | 03/24/1992 | NO |
| M&P Industries, Inc. P.O. Box 187 Lesage, WV 25537 (304)736-4046 | IC-115 | M&P Mine Sealant | | 1/8 | 05/05/1984 | YES |
| | IC-115/3 | M&P Build-A- Wall | | | 05/05/1984 | NO |

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|--|--------------------------|------------------------------------|----------------------|---------------------------|---------------------------------|---|
| | | MINE SEALANT OMEGA GRADE | | 1/8 | 08/18/1994 | YES |
| | | EASY WALL- EASY SEAL | | | 09/01/1994 | NO |
| | | EASY WALL- EASY SPRAY | | | 09/01/1994 | NO |
| | | FLAME STOP SEAL | | | 09/01/1994 | YES |
| | | Easy-Wall Flame Spread Zero .92 | | | 09/26/1994 | NO |
| | | BLOCK-LOCK | | 1/8 | 06/23/1995 | YES |
| Magnum Products P.O. Box 15868 Lenexa, KS 66285 | | Brattiskote Sealant | | 1/8 | 10/18/99 | YES (YTONG Only) |
| | | Fast Stop | yes | 1/8 | 10/19 /00 | Yes |

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|---|--------------------------|----------------------------------|----------------------|---------------------------|---------------------------------|---|
| | | Magnum Bond | yes | 1/4 | 11/ /00 | Yes |
| Micon #25 Allegheny Square Glassport, PA 15045-1649 (412)664-7788 FAX (800)854-8728 | | MICON Foam Pak 1.75-25FS/MSHA | | | 11/17/1994 | NO |
| Ostler Rocky Mountain Refractories 2436 West Andrew Street Salt Lake City, UT 84104 (801)972-2776 | IC-48 | Rock-Rib Mix | | | 06/25/1979 | NO |
| Pyro-Chem Corporation P.O. Box 426 South Point, OH 45680 (740)377-2244 FAX(740)377-2283 | | Pyro-Chem C | YES | | 08/23/1983 | YES |

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|---|--------------------------|---|----------------------|---------------------------|---------------------------------|---|
| | | Pyro-Chem TC | YES | | 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 |
| | | Pyro-Chem Proseal "TNT" | | 1/8 | 08/11/1997 | YES |
| | | Pyro-Chem Proseal "HT" Modified | | 1/8 | 08/11/1997 | YES |
| | | Bought Tech Sol's "AeroSpray" on 03/24/1998 | | 1/8 | 11/15/1994 | YES |
| | | Pyro-Chem Proseal "SNT" | | 1/8 | 10/19/98 | YES |
| JTLCO/Q Bond Corporation P.O. Box 1481 Broomfield, CO 80038 (303)665-8659 | IC-17 | Q-Bond Sealant | | 1/8 | 10/21/1977 | YES |
| The Quikcrete Companies Atlanta, GA 30345-3023 (404)634-9100 (412)539-6600(Pgh) (800)776-6087(Pgh) | IC-36 | B-Bond A, B, C, D | | | 08/23/1978 | YES |
| | IC-36 | B-Bond Concrete Mix | | | 08/23/1978 | NO |

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|---|--------------------------|--|----------------------|---------------------------|---------------------------------|---|
| | IC-36 | B-Bond Sand Mix | | | 08/23/1978 | NO |
| | IC-36 | B-Bond Mortar Mix | | | 08/23/1978 | NO |
| | IC-36/2 | BB-GUN-ite | | | 06/09/1982 | YES |
| | | Quickbond Mine Sealant | | 1/4 | 08/09/1994 | YES |
| | IC-9 | Quickwall | NO | 1/8 | 06/29/1977 | YES |
| | | BB-Gunite | NO | ½ | 01/10/1990 | YES |
| | | B-Bond | NO | | | YES |
| RHH Foam Systems 6001 South Pennsylvania A Cudahy, WI 53110 (414)744-6066 | | VERSA-FORM | NO | | 01/00/1999 | NO |
| Sandvik Rock Tools, Inc. P.O. Box 639 1000 Industrial Park Road Bristol, VA 24203-0639 (703)669-8311 | | AirCheck MTA or AirCheck GSA-T | YES | 1/4 | 07/12/1989 | YES |
| | | AirCheck Spray SMS or AirCheck GSA-S (AirCheck GSA) | YES | 1/4 | 06/25/1990 | YES |
| | | AirCheck TTF | | | 03/28/1997 | YES |

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|---|--------------------------|---|----------------------|---------------------------|---------------------------------|---|
| Standard Drywall Products Box 578 Bristol, PA 19007 (412)471-6677 | | Thoroseal | | | 02/14/1974 | NO |
| | | Thoroseal/Acryl 60 Additive | | | 02/14/1974 | NO |
| | | Thoroseal Plaster Mix | | | 02/14/1974 | NO |
| | | Thoroseal Plaster Mix/Acryl 60 Additive | | | 02/14/1974 | NO |
| Stone Mountain Mfg. Co. 445 South Elm Street Calhoun, GA 30701 (706)625-4551 | | Fiberbond | NO | | 07/28/1980 | YES |
| | | F-Coal | NO | | 03/03/1992 | YES |
| Strata Mine Service, Inc. P.O. Box 783 918 Kents Ridge Road Richland, VA 24641 (504)964-6907 | | Strata Mine Sealant | YES | 1/8 | 11/04/1999 | YES |
| Strataseal, Inc. 155 McClelland Road Canonsburg,, PA 15317 (412)746-1111 | IC-49 | Strataseal MS-1 | | | 11/15/1978 | NO |
| | IC-49/1 | Strataseal MS-2 | | | 03/02/1979 | NO |

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|--|--------------------------|--|----------------------|---------------------------|---------------------------------|---|
| | IC-49/2 | Stratalite | | | 03/02/1979 | NO |
| | IC-49/3 | Safetyseal | | | 03/02/1979 | NO |
| | IC-49/4 | Stopping Mix X-9 | | | 12/20/1979 | NO |
| | IC-49/5 | Stopping Mix X-2 | | | 12/20/1979 | NO |
| | IC-49/6 | Strataseal V-1 Mine Sealant | | | 12/22/1981 | NO |
| | IC-49/7 | Bullshot | | | 10/29/1982 | NO |
| | | Strataseal X-9 Sealant Stopping Mix | NO | | 01/08/1990 | YES |
| Thomas Company 203 Third Street Rainelle, WV 25962 (304)436-6242 | | Thomas Fiberglass Bonding Mix | NO | | 11/26/1975 | NO |
| U.S. Gypsum Company 125 S. Franklin Street Chicago, IL 60606-4678 (312)606-3846 FAX (312)606-4519 | | Blok-Tite Brattice Wall Plaster | | 1/8 | 08/02/1994 | YES |
| | | Blok-Tite Brattice Wall Wood Fiber Plaster | | 1/8 | 08/02/1994 | YES |
| | | USG Joint Compound Advanced Formula | | | 08/11/97 | YES |

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|--|--------------------------|-------------------------|----------------------|---------------------------|---------------------------------|---|
| Williamette Valley Company 660 McKinley Street P.O. Box 2280 Eugene, OR 97402 (800)821-9826 | | POLYQuik P380F | | | 07/22/1996 | NO |
| Woodruff Supply Company, Inc. P.O. Box 426 Madisonville, KY 42431 (502)821-3247 | IC-99 | Rite-Wall | NO | 1/8 | 11/08/1982 | YES |
| | | Rite-Wall II | NO | 1/8 | 08/09/1994 | YES |
| | IC-99/1 | Plaster-Wall | | | 12/23/1994 | NO |
| | IC-99/2 | Redi-Mix | | | 03/01/1983 | NO |
| | IC-99/4 | Rite Lite Mine Seal | | | 05/16/1983 | NO |
| | IC-99/5 | Rite Crete Fiberplaster | | | 02/21/1984 | NO |
| | IC-99/6 | Rite Crete Gunitite Mix | | | 02/21/1984 | NO |
| | IC-99/7 | Rite Crete Concrete Mix | | | 02/21/1984 | NO |
| | IC-99/8 | Rite Crete Mortar Mix | | | 02/21/1984 | NO |
| | IC-99/9 | Rite Crete Sand Mix | | | 02/21/1984 | NO |

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|---------------------|------------------------------|-------------------|--------------------------|-------------------------------|---------------------------------|---|
| | | IPFG | YES | | 05/20/1992 | YES |

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|--|--------------------------|-------------------|----------------------|---------------------------|---------------------------------|---|
| Strong-Lite Products Corp. * P.O. Box 8029 Pine Bluff, AR 71611 (501)536-3453 Transferred to: The Strong Company, Inc. 4505 Emmett Sanders Road Pine Bluff, AR 71601 (870)535-7617 | IC-87 * | Strong-Seal MS-1 | | | 08/25/1981 | |
| | IC-87/1 * | Strong-Seal MS-2 | | | 08/25/1981 | |
| | IC-87/2 * | Strong-Seal MS-1F | | | 09/05/1984 | |

* Sealants IC-87, IC-87/1, and IC-87/2 were inadvertently left off this list when originally compiled.