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Incompatible Products

To avoid damage to the pipe and fittings, ancillary construction products coming into direct contact with FlowGuard[®], BlazeMaster[®], or Corzan[®] piping systems must be chemically compatible. Lubrizol recommends that the compatibility of ancillary products be confirmed with that product's manufacturer prior to use.

The following products have been found to be incompatible with FlowGuard, BlazeMaster, and Corzan piping systems. Please note: a product's absence from this list does not mean that it is compatible. Products in this list are designated with numerals to clarify the known compatibility hazards associated with them, as follows:

Compatibility Hazard	Description
1	These products were reported to have been used at the site of one or more failed piping systems, and upon further investigation were found to contain the same ingredient(s) which were identified as having caused or contributed to the reported failure.
2	These products have been determined to be incompatible based on laboratory testing conducted by Lubrizol.
3	These products have been determined to be incompatible based on compositional information found in the manufacturer's labeling or published literature. One or more ingredients reported by the manufacturer is the same as or chemically similar to ingredients identified as having caused or contributed to piping system failure with similar products (the products designated with a ¹).
4	These products have recommendations in their manufacturer's published literature not to use them with CPVC. This may not necessarily reflect their compatibility status. They are nevertheless listed here because, as reported by the manufacturer, they should not be used with CPVC.

INCOMPATIBLE PRODUCTS

Do not use the products below with FlowGuard pipe & fittings, BlazeMaster fire sprinkler systems and Corzan industrial systems. If you have any questions about chemical compatibility, contact the product manufacturer for more information.

Antimicrobial Coatings

[Click here for clarification \(/CPVC/FBC-System-Compatible-Program/Other-Compatibility-Topics#Steel%20Piping\).](#)

Caulks

Company	Product	Compatibility Hazard
British Gypsum	Gyproc Sealant	1
John Wagner Associates	Grabber Acoustical Sealant GSCS	1
OSI Sealants (Dartworth Company) / (Ohio Sealants)	Polyseamseal All Purpose Adhesive Caulk	1
OSI Sealants (Dartworth Company) / (Ohio Sealants)	Polyseamseal Tub & Tile Adhesive Caulk	1
OSI Sealants (Dartworth Company) / (Ohio Sealants)	Pro Series PC-158 Caulk	1
Pecora	AC-20 Acrylic Latex Caulk & Silicone	1
Sika Corporation	Sikaflex [®] Self-Leveling Sealant	1
Specified Technologies, Inc.	SpecSeal [®] Smoke 'N' Sound Sealant	3
United States Gypsum	Sheetrock Brand Acoustical Sealant	3
White Lightning	3006 All Purpose Adhesive Caulk	2

Fire Stopping Systems

Company	Product	Compatibility Hazard
3M	Fire Barrier 2003 Silicone	2
3M	Fire Barrier CP25WB+	1
3M	Fire Barrier Sealant FD 150+	3
3M	Fire Barrier Tuck-in Wrap Strips	4
BritChem Limited	FR Intumescent & Acoustic Acrylic Sealant	3
Everbuild	Everbuild Fire Mate Sealant C3	1
Flame Stop	Flame Stop V	1
Hilti	CP506 Smoke and Acoustic Sealant	3
Hilti	CP606 Flexible Firestop Sealant	3
No Nonsense Limited	No Nonsense Intumescent Acrylic Sealant	3
Promat	Grafitex	3
Proset	Proseal Plug, Black	1
Proset	Proseal Plug, Red	2

Leak Detector (See also Other Compatibility Concerns)

Company	Product	Compatibility Hazard
Federal Process Co.	Gasola Leak Tech	1
G. F. Thompson Co., Ltd.	Masters Leak Detector	1
Radnor Welding Products	Radnor® Leak Test Regulator Temperature	1
RectorSeal®	RectorSeek™ Low-Temp	1
Unipak A/S	Multitec Leak Detecting Spray	3

Mold Cleaners

Company	Product	Compatibility Hazard
Anabec Systems	Anabec Advanced Cleaning Solution	1
Coating Systems Laboratories, Inc.	Zoonocide	1
Fiberlock Technologies	IAQ Advanced Peroxide Cleaner No. 8314	3
Fiberlock Technologies	ShockWave	1
Microban Systems	Microban QCG	3
X-M Industries	Structure-Guard Mold and Mildew Resistant Coating	3

Mold Inhibitors

Company	Product	Compatibility Hazard
Serum Products, LLC	Serum 1000	1

Pipe Clamp

Company	Product	Compatibility Hazard
LSP Specialty Products	Acousto Clamp, Acousto-Plumb System	1

Company	Product	Compatibility Hazard
Naylon Products	Naylon vinyl-coated wire pipe hangers	3

Pipe Tape

Company	Product	Compatibility Hazard
Christy's	Pipe Wrap Tape	2
Pasco	All Weather PVC Pipe Wrap	2
Pro Pak, Inc.	Pipe wrap tape (black)	3
Wonder	No. 413 Pipe Wrap Tape	2

Thread Sealants

Company	Product	Compatibility Hazard
Allied Rubbert & Gasket Company (ARGCO)	Super Dope	2
Anti-Seize Technology	TFE Paste	1
Devcon	Super Lock Hi-Strength, Stud Lock Grade 2271	2
G.F. Thompson Co., Ltd.	Masters™ Pro-Dope™ with Teflon®	1
General Sealant	GS-600	2
Hercules	Brush-on/Blue Block	2
Hernon Mfg. Inc.	Powerseal #932	2
IPS	White Seal	1
J.C. Whitlam Mfg. Co.	Seal Unyte Thread & Gasket Sealer	2
Jet Lube, Inc.	Jet Lube V-2	2
Jomar	Tighter-than-Tite	2
Loctite	577	1
Loctite	Threadlocker242	2
Lyn-Car Products Ltd.	Proseal	2
National Starch & Chemical, Permabond Division	Permabond LH-050	2
National Starch & Chemical, Permabond Division	Permabond LH-054	1
Permatex Company, Inc.	Permatex 14H	2
Rule	High Performance Teflon Thread Sealaing Compound	2
Saf-T-Lok Chemical	Saf-T-Lok TPS Anaerobic Adhesive/Sealant, Industrial Grade TPS	2
SOS Products	Teflon Pipe Dope	1
Swagelok Company	SWAK	2

Waterproofing

Company	Product	Compatibility Hazard
Tremco	TREMproof 250GC single component polyurethane	3

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Legal Disclaimer

The FBC™ System Compatible Program is a resource made available to manufacturers of ancillary products intended to be used with CPVC to help determine whether a product is chemically compatible with Lubrizol's FlowGuard®, BlazeMaster®, and Corzan® CPVC piping systems. Other manufacturers and/or brands of CPVC piping have not been tested as part of the FBC™ System Compatible Program. The FBC™ System Compatible program is, therefore, only applicable to the chemical compatibility of ancillary products with the Lubrizol brands of FlowGuard, BlazeMaster, and Corzan CPVC piping systems. This distinction is made because every brand of CPVC piping is made with unique compounds, some of which may contain resins with different molecular weights and varying chlorine content. These characteristics directly impact the performance of the resulting product. Similarly, various CPVC products contain different performance additives. This too affects the performance characteristics of the ancillary product. For these reasons, Lubrizol has no responsibility for any failures occurring as a result of using products in the FBC System Compatible Program with CPVC products other than FlowGuard, BlazeMaster, and Corzan.

Next Step

[Read Other Compatibility Topics \(/CPVC/FBC-System-Compatible-Program/Other-Compatibility-Topics\)](#)