



When you turn to Lubrizol for textile coatings solutions, you get more than just high-performance products.

Lubrizol Advanced Materials-Textile Coatings Team offers a complete solution with Myflam® series waterbased flame retardancy coating products, which increase safety by providing protection against ignition and retarding the rate of development of the fire and smoke thereby increasing escape time. Myflam® compounds also make itself to have a wide range of applications, including home furnishing, upholstery, certain, apparel, technical textile, automotive interiors, aircraft seating, toys, and so on.

### Myflam® waterbased products provide key benefits as:

- Can satisfy most of the stringent flame retardant standards world wide
- Combine multi-functions with flame retardant function
- Environmental friendly-no cosolvent, non-flammable, very low VOC
- Coater read-no additional primers, mixing or crosslinker needed



## Myflam® Flame Retardancy Coating Technology

PRODUCT	Myflam® 82114A	Myflam® 82016	Mflam® 82105B	Myflam® 3982
SUGGESTED USE	<ul style="list-style-type: none"> <li>Flame retardancy coating designed for BS5852</li> <li>Suitable for cellulose fabrics</li> <li>Foamed coating / Pasted coating</li> </ul>	<ul style="list-style-type: none"> <li>Flame retardancy coating designed for BS5852</li> <li>Suitable for dacron fabric, nylon fabric, and others</li> <li>Pasted coating</li> </ul>	<ul style="list-style-type: none"> <li>FR coating designed for BS5852, ignition source 0&amp;1</li> <li>Suitable for chenille</li> <li>Semi-stable foam coating</li> </ul>	<ul style="list-style-type: none"> <li>FR coating designed for 16CFR Part 1633</li> <li>Used for filler cloth application</li> </ul>
OUTSTANDING FEATURES	<ul style="list-style-type: none"> <li>Excellent char former</li> <li>Soft hand</li> <li>Dry, non-tacky surface</li> </ul>	<ul style="list-style-type: none"> <li>Excellent char former</li> <li>Soft hand</li> <li>Flexible, dry, non-tacky surface</li> </ul>	<ul style="list-style-type: none"> <li>Excellent char former</li> <li>Soft hand</li> <li>Flexible, dry, non-tacky surface</li> </ul>	<ul style="list-style-type: none"> <li>Excellent char former</li> <li>Medium hand</li> <li>Flexible, dry, non-tacky surface</li> </ul>
PHYSICAL PROPERTIES	Appearance: white low viscous liquid (can add pigment)	Appearance: white semi-viscous liquid	Appearance: white low viscous liquid, good flowability	Appearance: white low viscous liquid (can add pigment)
	Solids: 55%±1%      pH: 9.0-10.0	Solids: 58%±1%      pH: 9.0-10.0	Solids: 50%±0.5%      pH: 9.0-10.0	Solids: 50%-60%      pH: 7.5
	Viscosity: 3,000-5,000cps Brookfield Viscometer Model RVT (#5@20rpm)	Viscosity: 6,000-11,000cps Brookfield Viscometer Model RVT (#5@20rpm)	Viscosity: 3,000-5,000cps Brookfield Viscometer Model RVT (#3@20rpm)	Viscosity: 2,500cps Brookfield Viscometer Model RVT (#4@20rpm)
	Film-forming property: soft hand	Film-forming property: soft hand	Film-forming property: soft hand, dry	Film-forming property: medium hand
APPLICATION PROCEDURE	<ul style="list-style-type: none"> <li>Paste coating</li> <li>Foamed coating</li> </ul>			
HANDLING & STORAGE	<ul style="list-style-type: none"> <li>Storage: Closed container at 60°F-90°F (15°C-30°C)</li> <li>Stir before usage</li> <li>Shelf life: 6 months at closed container</li> </ul>			
PRECAUTIONS	READ MATERIAL SAFETY DATA SHEET BEFORE USING. Protect from freezing.			
OTHERS	Recommended times, temperatures, and coverage rate are stated guidelines only and actual conditions will be dependent on the equipment used in manufacturing and final construction. To achieve optimum performance, adjust conditions accordingly. These should not be considered as specifications			

Above are part of our Myflam® flame retardancy series products. We can customize products based on customers' requirement, and provide relevant solutions.

Want to know more? For more information, call our Asian Textile Team on **+86 21 69210836**, or visit our web site at [www.lubrizoltextilecoatings.com](http://www.lubrizoltextilecoatings.com)