



CARBOCURE™
Emulsions

CARBOPOL®
Thickeners For Coatings & Adhesives

CARBOSET™
Thickeners For Coatings & Adhesives



PRODUCT SELECTION GUIDE

High Performance Polymers And Compounds



CARBOTAC™
Pressure Sensitive Adhesives

HYCAR®
Acrylic Based Emulsions

HYSTRETCH™
Elastomeric Emulsions

MYFLAM®
Coating Compounds

PERFORMAX®
Coating Compounds

PERMAX™
Emulsions (High MVTR PUDs)

PRINTRITE™
Acrylic Print Binders & Digital Print Ink Receptors

SANCURE™
Polyurethane Dispersions

VYCAR™
PVC Emulsions



It's what you don't see that makes all the difference.



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

Lubrizol offers a complete solution with the polymer manufacture of acrylics, polyurethanes, vinyl chlorides, styrene acrylates, SBR, and specifically, formulated compounds. We are a leader in innovation technologies with established brand names, including Hycar[®], Vycar[™], Sancure[™], Permax[™], Carboset[™], Myflam[®] and Performax[®].

Our scientific know-how and years of application experience can help you identify new opportunities and ensure that the best technology available is integrated into your products. We combine global resources, unmatched technical expertise and a commitment to responding to your unique needs – making us the one-stop polymer and compound supplier for the textile coating market.

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Lubrizol

**One supplier.
Many solutions.**

Want to know more?

For more information, call our European Textile Team on **+44 1226 721102**, email us at **textileseu@lubrizol.com** or visit our global web site at **www.lubrizolcoatings.com**

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High Performance Polymers And Compounds



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All products are compliant with Directive 2003/53/EC concerning nonylphenol and nonylphenol ethoxylate content

The Lubrizol Corporation has pioneered the science of water-based emulsions and compounds, bringing high performance in many applications and markets. It offers a complete solution with the polymer manufacture of acrylics, polyurethanes, vinyl chlorides, styrene acrylates, SBR and specifically formulated compounds.

HYCAR® Acrylic Based Emulsions

Hycar® Emulsion	T _g (°C)	Charge	% Solids	pH	Viscosity (cP)	Heat Reactive	Description/Suggested Uses
VERY SOFT	T-122	-30	A	48	3.2	30	• Flock adhesive/backcoatings - excellent drape. Very good water and solvent resistance.
	T-9202	-26	A	59	3.5	100	• High solids textile coatings/adhesives. Blends with Hycar® T-9207.
	7114	-21	A-N	43	3.5	15	• Soft, flexible finish resistant to washing and dry cleaning.
	T-91	-16	A	50	2.5	550	• Self-crosslinking foam/froth backcoatings. Excellent durability to laundering/drycleaning, excellent cold flex.
	26-1199	-15	A	49	3.7	550	• Formaldehyde free, soft binder; very hydrophobic.
	26083	-15	A	52.5	6.0	55	• Paper saturation or wet end addition.
	26552	-15	A	47	4.5	110	• Formaldehyde free hydrophobic polymer, highly redispersible in most processes until cured. Medical.
SOFT	26-0202	-12	A	50	3.7	450	• Self-crosslinking version of Hycar® 26-1199. Ultra-water resistant.
	26856	-12	A	50	4.5	60	• Formaldehyde free, self-crosslinking foam/froth backcoatings. Excellent durability to laundering/drycleaning, excellent cold flex.
	2671	-11	A	53	5.0	170	• General purpose coatings. Saturation or wet end addition. Foamable flock adhesives with excellent durability. Use in book covers, masking tape, wipers.
	26120	-11	A	50	3.8	115	• Binder, low crock, highly redispersible. Excellent heat stability. Saturation and wet end addition. Medical, book covers, wallpaper.
	T-9207	-9	A	60	2.8	280	• High solids textile coatings/adhesives. Blends with Hycar® T-9202.
	26319	-8	A	49	6.3	150	• Backcoatings with good durability. Non-self-thickening for ease of compounding.
	26345	-6	A	50	3.6	20	• Foam/froth backcoatings, excellent durability to laundering/dry cleaning, excellent cold flex. Paper saturation or wet end addition.
	26-0912	-4	A	50	4.0	350	• Soft, inherently flame retarding acrylic polymer.
	2679	-3	A	49	3.7	100	• Fabric laminating, backcoating, flocking, finishes. Good general purpose acrylic for saturation, book cover, filter paper.

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HYCAR® Acrylic Based Emulsions

Hycar® Emulsion	Tg (°C)	Charge	% Solids	pH	Viscosity (cP)	Heat Reactive	Description/Suggested Uses
FIRM	26796	0	A	48	5.0	120	• Fabric laminating adhesive. Self thickening with ammonia. Good solvent resistance. Paper saturant.
	26084	+8	A	48	6.1	110	• Heat seal adhesive with excellent solvent and plasticiser resistance. Paper coating.
	26349	+12	A	49	4.6	135	• Extremely durable coatings/adhesives. Firm but flexible hand, book cover stock. Solvent and plasticiser resistant.
	26091	+20	A	50	6.8	30	• Topcoatings with abrasion resistance, high gloss, and colour stability. Drycleanable and washable.
	26288	+20	A	50	4.0	60	• Heat sealable. Blends with Hycar® 26315.
	26-1265	+23	A	49	4.0	350	• Ultra-water resistant. Formaldehyde free.
STIFF	26138	+25	A	49	5.5	60	• Fabric laminating topcoatings, anti-fray. Outstanding dryclean/laundry resistance. Paper coating/solvent resistant.
	26523	+27	A	42	5.0	20	• Hydrophobic, excellent oil and solvent resistance for tape release coatings.
	26106	+29	A	50	5.0	80	• Hand builder. Hydrophobic. Low temperature film former. Saturant/paper coating.
	26348	+30	A	48.5	6.0	200	• Hydrophobic. Excellent oil and solvent resistance for tape release coatings.
	26450	+32	A	46	4.0	25	• Fabric stiffener. High crosslink density. Paper saturant, oil resistant.
	26172	+33	A	50	2.5	125	• Hand builder, flame retarding finish (with salt). Blends with Hycar® 26171. Self-thickening.
	T-215	+36	A	50	3.6	125	• Pleatable window shades. Hand builder. Highly water resistant, very good colour.
	26256	+45	A	50	2.5	140	• Hand builder. Hard glossy topcoatings. Excellent colour.
	7138	+48	A-N	50	5.0	10	• Stiff, flexible finish to washing and dry cleaning.
	26-1475	+50	A	50	4.0	350	• Ultra-water resistant and stiff. Formaldehyde free.
	26315	+55	A	49.5	2.1	36	• Heat sealable. Blends with Hycar® 26288. Excellent water resistance.
	26459	+105	A	46.5	3.3	15	• Polystyrene emulsion.

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CARBOSET™ Acrylic Based Emulsions

Carboset™ Emulsion	MFFT (°C)	Charge	% Solids	pH	Description/Suggested Uses
CA 7100	-10	A	48		Soft film with very good water and alkali resistance, and high filler capacity.
CA 7121	0	A	49	8.5	Internally plasticised medium handle film. Excellent water and alkali resistance.
CA 7147	6	A	47	8.5	Fast hardening and water resistance.
CA 7160	21	A	50		Hard film, fine particle size with high filler capacity. Excellent water and alkali resistance.
CW 7102	47	A	40	8.5	Self-crosslinking at low temperature. High chemical resistance.
GA 1086	49	A	48	8.5	High gloss coating, suitable for protective 'top coat' on metallised fabrics.

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HYSTRETCH™ Elastomeric Emulsions

Hystretch™ Emulsion	Tg (°C)	Charge	% Solids	pH	Specific Gravity	Viscosity (cP)	Heat Reactive	Carboxylated	Description/Suggested Uses
2856	-60	A	50	8.0	1.01	40	•	•	Ultra-soft, hydrophobic, slightly tacky. Anti-skid coatings. Tack is non-migratory, will not transfer.
V29	-29	A	49	8.0	1.04	70	•	•	Soft and elastic. Solvent resistant. Outdoor fabric coatings with excellent UV stability, dirt resistance and low temperature flexibility.

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Hystretch™ elastomer emulsions are a Lubrizol breakthrough: patented technology which yields a unique combination of polymer properties. They are as elastic as natural rubber, yet as heat and light stable as synthetic acrylics. Creative formulators have discovered new innovative applications based on Hystretch™ emulsions.

VYCAR™ PVC Emulsions

Vycar™ Emulsion	Tg (°C)	Charge	% Solids	pH	Specific Gravity	Viscosity (cP)	Heat Reactive	Carboxylated	Description/Suggested Uses	
VINYLIDENE CHLORIDE COPOLYMER	TN-808	-4	A	50	4.5	1.21	70	•	Soft, flame retarding, for backcoatings, formaldehyde free. Moisture vapour barrier coating.	
	660X14	+7	A	49	6.0	1.23	50	•	Special flame retardant coatings. Low MVTR.	
	TN-824	-9	A	55	4.5	1.16	45		Flame retarding for backcoating. Good compatibility for compounding.	
PVC COPOLYMER	351	+62	A	57	10.3	1.16	20		Product family offers excellent wash/wear resistance, chemical resistance, firmness, flame retardance and formaldehyde free. Polymers can be used as-is or with various plasticiser levels to control firmness. Useful as saturant spray or coating.	
	352	+69	A	57	10.3	1.16	20			
	TN-804	+70	A	55	8.0	1.17	15	•	Economical, stiff, flame retarding, formaldehyde free. Moldable binder for paper saturation and fibre treatment.	
	460X95	+73	A	51	5.0	1.15	20	•	•	Excellent colour and mechanical stability; salt stable. Can be used for lamination, heat sealing and general saturation or spray bond. Flame retarding.
	460X45	+26	A	49	5.5	1.08	46	•		Suitable for FR compounds and flock adhesives.
	552E	+4	A	55	10.3	1.09	17			Polyblend of PVC/nitrile rubber emulsions for easy processing without plasticiser. Oil resistant.
	580X83	+17	A	56	10.0	1.14	30			Phthalate plasticised. Adhesives/coatings for vinyl. Dielectric or hot bar heat sealable. Yarn sizing. Exhibit low smoke and very low fogging tendencies (SAE test method). Formaldehyde free.
	577E	+19	A	56	10.3	1.09	17			Flame retarding finishes for saturation or coating of cellulosic and synthetic fibres. Phosphate plasticised. Vycar™ 577E will act as dielectric and hot-bar sealable adhesive.
	575X43	+29	A	55.5	10.4	1.16	20			

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VYCAR™ PVC Emulsions

Vycar™ Emulsion	Tg (°C)	Charge	% Solids	pH	Specific Gravity	Viscosity (cP)	Heat Reactive	Carboxylated	Description/Suggested Uses	
PVC-ACRYLIC COPOLYMER	590X20E	-17	A	49	10.0	1.13	100	•	Flame retarding backcoatings with superior cost/performance vs. compounded acrylic. Vycar™ 590X20E is phosphate plasticised.	
	FT-9	-13	A	50	8.8	1.09	150	•		
	460X46	+7	A	49	5.0	1.09	40	•		
	TN-828	+37	A	48.0	7.0	1.12	40	•	Develops excellent cure, even at lower temperatures, with or without catalyst. Offers excellent water and chemical resistance, a range of firmness and contributes to flame retardance. It can be used for lamination, heat sealing and general saturation or spray bond.	
	TN-816	+47	A	48.5	5.5	1.13	15		•	Stiff, flame retarding, formaldehyde free, heat sealable. Water resistant emulsion for coating, saturation or spray bond.
	TN-810	+55	A	52	8.5	1.16	20			•

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SANCURE™ Polyurethane Dispersions

Sancure™ Polyurethane	Type	% Solids	pH	Viscosity (cP)	Cosolvent (% NMP)	VOC (g/l)	100% Modulus (psi)	Tensile Strength (psi)	Elongation at Break (%)	Description/Suggested Uses	
ALIPHATIC	777F	Polyester	35	10	75	8.1	253	2,000	5,100	410	Polymer with outstanding shear stability and excellent abrasion resistance. Good adhesion to nylon and polyester.
	815	Polyester	35	8.0	125	8.5	261	4,100	5,450	220	Excellent heat sealability and adhesion to vinyl.
	825	Polyester	34	8.5	425	8.1	321	4,800	6,600	200	Coating for rigid surfaces such as wood, concrete and plastics. Blends well with Carboset™ acrylics.
	835	Polyester	40	8.5	200	13.2	297	345	4,900	600	Soft tough polymer with excellent adhesion to a wide range of substrates.
	843	Polyester	32	9.3	400	9.3	334	3,300	4,800	270	Hard aliphatic urethane. Self-crosslinking, gives excellent chemical resistance. For use in wood and plastic coatings.
	861	Polyether	40	8.2	1,000	0	30	650	2,600	580	Excellent balance of hardness, abrasion resistance and flexibility. Low VOC. Hydrolytically stable.
	898	Polyether	32	7.8	200	7.8	258	5,125	6,100	300	Forms very hard but flexible coatings with good stain and chemical resistance. Fine particle size.
	899	Polyester	35	8.0	700	8.0	243	3,000	4,100	300	Good adhesion to plasticised vinyl. Excellent UV resistance.
	2026	Polyester	40	8.3	500	6.8	187	950	4,200	560	Weather resistant coatings, good heat seal properties. Forms soft, flexible, clear film. Has excellent elongation and toughness. Contains no organic solvent forms.
	2255	Polyester	49	8	1,500	8.5	177	700	3,300	550	High solids. Rapid drying, soft aliphatic urethane. For use in high build coatings.
	2260	Polyester	48	8.5	2,000	9.7	190	3,800	5,000	200	Harder version of Sancure™ 2255. Recommended for wood and plastic coatings.
	2715	Polyether	38	9.0	750	0	31	1,100	3,300	425	Firm hand, low VOC. A tough film with fast property development. Medium hard aliphatic polyester urethane.
	12324	Polyester	32	8.5	50	10.3	313	4,700	6,100	200	A rewettable printing ink vehicle which produces clear, tough, high gloss films.
	12929	Polyester	40	8.0	1,000	11.2	263	220	2,300	550	Soft textured coatings. Heat sealable at low temperatures. Soft, tough plastic coating.
20041	Polyester	35	8.7	200	0	41	3,400	5,200	330	Firm, abrasion resistant with high gloss.	

Sancure™ polyurethanes are surfactant-free dispersions of carboxylated urethane polymers, based on a wide range of chemical raw materials. The above chart displays products with the range of properties that is considered most useful to the formulator of specialty finishes.

Most Sancure™ polyurethanes may be used alone or blended with other polymers to increase toughness, adhesion, low temperature flexibility, etc. When blending Sancure™ polyurethanes with other emulsion polymers, special care must be taken, including bench scale testing for compatibility. Please consult your Lubrizol sales or technical representative for helpful advice.

SANCURE™ Polyurethane Dispersions

Sancure™ Polyurethane	Type	% Solids	pH	Viscosity (cP)	Cosolvent (% NMP)	VOC (g/l)	100% Modulus (psi)	Tensile Strength (psi)	Elongation at Break (%)	Description/Suggested Uses	
ALIPHATIC	13094HS	Polyether	38	8.0	250	0	---	320	4,200	650	Tough and excellent abrasion, water resistant coating, heat and hydrolysis-resistant. Low VOC.
	20025F	Polyester	48	8.0	500	0	27	300	4,100	1,000	Low VOC, elastic polymer. Good heat sealability.
AROMATIC	1511	Polyester	35	9	1000	11.3	307	3150	5500	250	Urethane with a good balance of hardness and flexibility. Use where UV exposure is not a concern.
	1514	Polyester	35	8.5	550	11.4	335	4500	5000	160	Hard aromatic urethane designed for blending with Carboset™ for trade sales wood coatings.
FLAME RETARDANT	1004A	Polyester	40	9.5	500	13.0	321	2,100	3,100	335	Inherently flame retarding, stiff hand. Excellent UV and heat stability.
	1073C	Polyester	30	9.0	450	9.9	378	NA	7,000	18	Very stiff, flame retarding and stain resistant.
	20037F	Polyester	38	7.5	500	0	63	NA	2,700	75	Flame retarding, stiff binder for polyester and nylon coatings. Good light fastness. Passes automotive fog testing.

Lubrizonl PERMAX™ Emulsions (High MVTR PUDs)

Permax™ Emulsion	Charge	% Solids	pH	Viscosity (cP)	Description/Suggested Uses
200	N	44	6.0	200	Aliphatic polyether waterborne urethane polymers which provide high MVTR. Recommended in waterproof breathable fabric construction for sports wear, protective apparel, military gear, tents and footwear applications.
230	N	33	5.6	600	Additive for Permax™ PUD systems to increase MVTR values with minimal effect on physical properties.
300	N	42	7	500	Additive for MVTR coatings or component of formulations where light fastness is not required.

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FOR READY TO USE HIGH MVTR COMPOUNDS, PLEASE REFER TO PAGE 17

CARBOCURE™ Emulsions

Carbocure™ Emulsion	Tg (°C)	Charge	Solids %	pH	Viscosity	Specific Gravity	Description/Suggested Uses
TSR-72	+72	A	35.0	4.6	50	1.07	Stiff, high crosslink density polymers. High temperature dimensional stability, moldability. For saturation and spray bond. Carbocure™ TSR-72 has excellent oil and solvent resistance. Carbocure™ TSR-201 has excellent wet strength and colour stability.
TSR-201	+72	A	33.0	4.2	50	1.07	

CARBOBOND®/CARBOTAC™ Pressure Sensitive Adhesives

Product	Tg (°C)	Charge	% Solids	pH	Viscosity (cP)	Description/Suggested Uses
Carbotac™ 26171	-43	A	50.0	2.5	125	General purpose adhesive with balance of tack, peel and shear. Self thickening with increasing pH.
Carbobond® 26387	-23	A	61.0	5.0	275	Durable, tough, high solids acrylic polymer for general purpose caulks and sealants. Paper saturant, book cover.
Carbobond® 26373	+5	A	58.0	2.6	90	Tough, very hydrophobic, high solids wet laminating adhesive with high green tack. Heat seal.
Carbotac™ XPD1811	-43	A	55	4.5	120	Adhesive with good heat and light stability.
Carbotac™ XPD1814	-30	A	55	4.5	80	Adhesive with oil and plasticiser resistance.
Carbotac™ XPD1822	-43	A	55	4.5	210	Good cohesive strength for removable PS bonding.

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PRINTRITE™ Acrylic Binder Emulsions

Printrite™ Emulsion	Tg (°C)	Charge	% Solids	pH	Heat Reactive	Description/Suggested Uses
7197	-20	A-N	35	6.5	•	Binders for pigment of apparel, domestic goods, home furnishing fabrics and industrial fabrics. Suitable for pigment pad dyeing. Nonionic colloidal system offers versatility to other applications, eg. coating and finishing.
7237	-20	A-N	48	6.5	•	
26850	-20	N	45	2.5	•	

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PRINTRITE™ Digital Print Ink Receptive Compounds

Printrite™ Compound	% Solids	pH	Viscosity	Description/Suggested Uses
DP200E	55	8.5	65 poise	Formulated coating compound for use with solvent, eco-solvent and UV-curable ink systems.
DP320E	43	9	65 poise	Formulated coating compound for use predominantly with water based ink systems.

CARBOPOL®/CARBOSET™

Thickeners for Coatings & Adhesives

Product	% Solids	pH	Viscosity	Description/Suggested Uses
Carbopol® EP-1	30	3.0	10 cps	Alkali-swellable emulsion thickener. Efficient, short rheology.
Carbopol® EP-2	18	3.0	10 cps	Alkali-swellable emulsion thickener. Imparts a longer flow than Carbopol® EP-1, to control penetration.
CarboSet™ TC7186	30	3.0	10 cps	Alkali-swellable emulsion thickener, very efficient.

Natural Dye Printing Thickeners

Product	Ionicity	pH	Description/Suggested Uses
Diagum A8	N	Approx. 7	High viscosity.
Diagum A12	N	Approx. 7	Low viscosity.
Diagum RVT-4	A	10.0 - 13.0	High viscosity.
Dialgin HV	A	6.0 - 8.0	High viscosity alginate.
Dialgin HV4	A	6.0 - 8.0	High viscosity alginate.
Dialgin LV100	A	6.0 - 8.0	Low viscosity alginate.
Dialgin MV-50	A	6.0 - 8.0	Medium viscosity alginate.
Diaprint PF	A	Approx. 8	For use with vat dyes.
Diaprint STS	A	6.0 - 8.5	For use with vat dyes, 'flash age' method.
Monagum W	A	11.0 - 12.5	Suitable for all categories except reactive and cationic dyes.

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Synthetic & Pigment Dye Printing Thickeners

Product	Charge	Clear Cut & Concentration	Viscosity (cP)	pH @ % conc	Description/Suggested Uses
Carbopol® 1620	A	1.0	10,000	7.5	Acid dye printing thickener. Small particle size. Can be used for other dye printing systems.

Synthetic & Pigment Dye Printing Thickeners

Product	Clear Cut & Concentration	Cut Clear Viscosity (cP)	Paste Viscosity (cP)	Description/Suggested Uses
Carbopol® 846	0.5	35,000	15,000	Very efficient powder thickener for pigment printing applications. Generally used to make liquid concentrate fully neutralised and ready to use.

Cross-Linking Agents

Product	% Solids	pH	Description/Suggested Uses
Albutex TC 7240	58	9.0	Low formaldehyde product to increase the wash and dry clean resistance of polymer coatings.

MYFLAM® & PERFORMAX®

Coating Compounds

Lubrizol textile coating products represent the best available technology in each market area and comply with EU legislation on nonylphenol and nonylphenol ethoxylate (NP and NPE) content. We are able to supply formulated products which do not contain any alkylphenolethoxylates (APEOs) or brominated flame retardants.

Over twenty years experience in flame retardant technology and innovation has resulted in a range of products sold under the Myflam® trade name, a globally recognised standard of performance, which you can trust to meet many international flame retardant specifications.

Performax® is the generic name used when flame retardancy is not required. Exceptions to this are when compounds are used for specific marketing campaigns.

Specific customisation of products is a speciality of Lubrizol Advanced Materials UK Ltd. Our Sales Engineers and Technical Department will be happy to discuss your particular requirements. In addition to this service, Lubrizol Advanced Materials UK Ltd we are able to give an indicative flame retardant performance assessment for the following standards:

COUNTRY	REGULATION/STANDARD	IGNITION SOURCE	END USE
UK	Furniture and Furnishing (Fire) (Safety) Regulations 1988 (uses BS 5852 Part 1 1979)	Cigarette, Butane flame	Domestic upholstery
UK	BS 7176 (1995) low, medium, high hazard	Cigarette, Butane flame, Wooden Crib	Contract upholstery
UK	BS 5867 Part 2 (1990)	Butane flame	Curtains, Blinds
UK	BS EN 597 Part 1 & 2	Cigarette, Butane flame	Domestic bedding
France	AFNOR NFP 92503	Radiant source & Propane flame	Curtains, Blinds
General	FMVSS 302	Butane flame	Automotive

Upholstery

Product	Coating Method	Application	Suitable Fabric Type	Viscosity	% Solids	Typical Add On	Fire Retardant Specification
Myflam® XPE8135	Semi Stable Foam	Standard FR	Synthetic & Cellulosic	25 poise	61.5	25-30%	BS5852 Part 1 (Schedule 4+5)
Myflam® 84527	Paste	Standard FR	Synthetic & Cellulosic	90 poise	58	25-30%	BS5852 Part 1 (Schedule 4+5)
Myflam® 84579E	Screen Print	Standard FR	Synthetic & Cellulosic	60 poise	57	25-30%	BS5852 Part 1 (Schedule 4+5)
Myflam® CR830F	Stable Foam	Crib 5	Synthetic & Cellulosic	35 poise	55	Minimum 120gsm	BS7176 1995 Medium Hazard (Crib 5)
Myflam® CR830F	Stable Foam	Standard FR	Synthetic & Synthetic Blends	35 poise	55	25-30%	BS5852 Part 1 (Schedule 4+5)
Myflam® 84530Q	Paste	Halogen & Antimony Free	Co / Co Rich	90 poise	50	30-35%	BS5852 Part 1 (Schedule 4+5)
Myflam® XPE 8044	Paste	Formaldehyde Free, Halogen & Antimony Free	Synthetic	90 poise	55	30-35%	BS5852 Part 1 (Schedule 4+5)
Myflam® 81703	Impregnant	FR Interliners Halogen & Antimony Free	Co / Co Blends	10 centipoise	45	20-25%	BS5852 Part 2 (Schedule 3)
Myflam® EF821F	Intumescent Stable Foam	Halogen & Antimony Free	Synthetic	15 poise	50	Minimum 150gsm	BS7176 1995 Medium Hazard (Crib 5)
Myflam® 84564E	Paste	Crib 5	Synthetic & Cellulosic	60 poise	61	30-35%	BS7176 1995 Medium Hazard (Crib 5)
Performax® 14068F	Semi Stable Foam	Non FR Upholstery	Synthetic	60 poise	50	20%	---

Drapes

Product	Coating Method	Application	Suitable Fabric Type	Viscosity	% Solids	Typical Add On	Fire Retardant Specification
Myflam® DR860 F	Stable Foam	3 Coat Blackout	PES / PES Rich	30 poise	50	60gsm per coat	AFNOR NFP 92-503 (M1)
Performax® 10095D	Stable Foam	3 Coat Blackout	Co or PES	30 poise	49	60gsm per coat	----
Performax® 10095D	Stable Foam	1 Coat Dim out	Co or PES	30 poise	49	80gsm per coat	----

Blinds

Product	Coating Method	Application	Suitable Fabric Type	Viscosity	% Solids	Typical Add On	Fire Retardant Specification
Myflam® 81102D	Stable Foam	3 Coat Blackout	PES, 30% max Co	30 poise	50	60gsm per coat	AFNOR NFP 92-503 (M1)
Myflam® 81101A	Paste	Roller/Louvre Blinds	PES, 30% max Co	31 poise	50	50gsm	AFNOR NFP 92-503 (M1)
Performax® 11160D	Stable Foam	3 Coat Blackout	Co or PES	20 poise	50	60gsm per coat	----
Performax® 11229Q	Paste	Roller/Louvre Blinds	PAN, PES & Blends	150 poise	30	80gsm	----

Mattress Ticking

Product	Coating Method	Application	Suitable Fabric Type	Viscosity	% Solids	Typical Add On	Fire Retardant Specification
Performax® 15060Q	Semi Stable Foam	Mattress Ticking	Co, PES & PP	10 poise	46	20gsm	---
Myflam® XPE8071	Semi Stable Foam	FR Mattress Ticking	Co, PES & PP	5 poise	48	25gsm	BS EN597-2 (Source 1+2)
Myflam® XPE8078	Intumescent Stable Foam	FR Mattress Barrier; Halogen & Antimony Free	FR Fibres	30 poise	50	Minimum 200gsm	BS7176 (1995) Medium & High Hazard (Crib 5 & 7) CAL TB 603

Technical

Product	Coating Method	Application	Suitable Fabric Type	Viscosity	% Solids	Typical Add On	Fire Retardant Specification
Myflam® 86107G	Paste	FR Glass Insulation Halogen & Antimony Free	Glass	35 poise	45	100gsm	AFNOR NFP 92-503 (French M1)
Myflam® 86011	Paste	FR Glass Wallcovering Halogen & Antimony Free	Glass	80 poise	40	70gsm	DIN 4102 (B1)
Myflam® 88111	Semi Stable Foam	FR Sliverknit Upholstery	Modacrylic Pile Fabric	20 poise	30	100gsm	BS5852 Part 1 (Schedule 4+5)
Myflam® TE890P	Paste	FR Tenting	Co & Co/PES	85 poise	58	120gsm	BS5852 Part 1 (Schedule 4+5)
Performax® 19170	Paste	Tablecloth	Co & Co/PES	100 poise	48.5	40gsm	----
Performax® 17150	Stable Foam	Ironing Board Cover	Co & Co/PES Scrim	20 poise	46.5	60gsm	----
Performax® TE171 P	Paste	Artist Canvas	Co & Co/PES	60 poise	60	150gsm	----

High MVTR Compounds

Product	Coating Method	% Solids	pH	Viscosity (p)	Description/Suggested Uses
Performax® XPE1105	Paste	38	10	150 poise	Formulated base coat for MVTR coatings.
Performax® XPE1112	Paste	35	10	110 poise	Formulated top coat for MVTR coatings.
Performax® XPE1092	Foam	39	10	400 poise	Formulated lamination adhesive for foam application.

FR Auxiliaries

Product	Coating Method	Application	Suitable Fabric Type	Viscosity	% Solids	Typical Add On	Fire Retardant Specification
Myflam® 81570	All	Blended DBDPO FR Dispersion	All	30 poise	70	----	Auxiliary
Myflam® 81702	All	Enhanced DBDPO FR Dispersion	All	40 poise	70	----	Auxiliary
Myflam® 81653	All	Synergist FR Dispersion	All	40 poise	70	----	Auxiliary
Myflam® 81605	All	Halogen & Antimony Free FR Dispersion	All	30 poise	65	----	Auxiliary

Transportation

Product	Coating Method	Application	Suitable Fabric Type	Viscosity	% Solids	Typical Add On	Fire Retardant Specification
Myflam® XPE8069	Semi Stable Foam	FR Linings Luggage Compartment	PES	1 poise	40	50gsm	FMVSS 302
Myflam® XPE8068	Paste	'Breathable' FR Seat Cover Base Coat	PES	100 poise	43	25gsm base	FMVSS 302
Myflam® XPE8073	Paste	'Breathable' FR Seat Cover & Top Coat	PES	100 poise	41	15gsm top	FMVSS 302
Myflam® XPE8044	Paste	Halogen & Antimony Free	PES	90 poise	55	50gsm	FMVSS 302
Myflam® 84361D	Paste	Interior Seating	PES	60 poise	45	80gsm	FMVSS 302
Myflam® XPE8009	Paste	Aircraft Interior	PES/Nylon	70 poise	60	250gsm	FAR 25.853 (b)
Myflam® XPE1107	Paste	Oil Resistant Flexible Covers	PES	60 poise	39.5	80gsm	----

Flocking Adhesives

Product	Coating Method	Application	Suitable Fabric Type	Viscosity	% Solids	Typical Add On	Fire Retardant Specification
Myflam® XPE8122	Paste Screen Print	FR Drapes	Trevira CS	140 poise	53	80gsm	BS5867 Part 2
Myflam® XPE8114	Paste	FR Upholstery	Trevira CS	140 poise	53	100gsm	BS5852 Part 1 (Schedule 4 & 5)
Performax® XPE1068	Foam	Formaldehyde Free Upholstery	PES	60 poise	47	80gsm	----
Performax® XPE1157	Paste	EPDM Automotive Parts	EPDM	30 poise	40	70gsm	----

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