



EPOXY RESIN SYSTEMS EX-STOCK AVAILABILITY

For an up to date listing of all the products and services we supply refer to our web site, www.lavender-ce.com.

LAMINATING SYSTEMS

SR 1500	Hardeners	Kit Availability
General purpose system with ambient temperature cure. Excellent adhesion to all types of reinforcements. Low toxicity. Mixable hardeners providing broad range of gel times.	SD2503 Slow	1 kg
	SD2505 Standard	4 kg 16 kg 43 kg 260 kg
SR 8500 Multi purpose system. Suited to laminating, injecting, filament winding, cold or hot press moulding, casting, and bonding. Low toxicity. Mixable hardeners providing broad range of gel times. Lloyd's Register approved.	SD 8601 Ultra Slow	4 kg
	SD 8605 Fast	40 kg 270 kg
SR 1700 High performance system. Suited to laminating of automotive and aerospace components. Low water absorption and excellent adhesion to all types of reinforcements. Tg >100°C (after post cure).	SD 2703 Slow	1 kg
	SD 2705 Standard	14 kg (larger kits avail. on request)

The following epoxy systems are also available on request; food grade / aqua culture and fuel resistant.

RTM / INFUSING SYSTEMS

SR 8100	Hardeners	Kit Availability
Specially formulated for resin transfer processes such as injection or infusion. Has a very low viscosity at ambient temperature. Temperature resistance up to 80°C. Germanischer Lloyd approved.	SD 8822 Slow	7 kg
	SD 8824 Standard	40 kg (larger kits avail. on request)

A higher performance system, SR1710, is also available on request.

WOOD COMPOSITE SYSTEMS

SR 5550	Hardeners	Kit Availability
Multipurpose wood epoxy system. Specially formulated for bonding, laminating, and wood protection. Low viscosity system. Gives a high gloss finish and is UV stable. Low toxicity. Simple 3/1 mix ratio by volume.	SD 5502 Very Slow	4 kg
	SD 5504 Standard	43 kg
	SD 5506 Very Fast	(larger kits avail. on request)
EP 217		Availability
Diluent. Used to dilute first coat of resin to enhance wood impregnation.		1 L
		5 L

CLEAR LAMINATING SYSTEMS

SURF CLEAR	Hardener	Kit Availability
High performance clear epoxy system. Self leveling. Excellent UV stability. High gloss and transparency of laminates. Good toughness and scratch resistance. Simple 2/1 mix ratio by volume.		5 kg
	SD SC	36 kg
		323 kg

FLEXIBLE LAMINATING SYSTEMS

SR 8150	Hardener	Kit Availability
Highly flexible and damage tolerant resin. Ideal where parts are subject to vibration or shocks.	SD 815 B2	3.6 kg
		(larger kits avail. on request)

FIRE RESISTANT LAMINATING SYSTEMS

SR 6690	Hardener	Kit Availability
Self extinguishing system which meets the flammability requirements of FAR 25.853.	SD 2505	7.5 kg

FILLING / FAIRING SYSTEMS

SR 1610 / Mix Fill 30	Hardener	Kit Availability
Light filler formulation for thick fairings.		18 L
	SD 2613	37 L
		(larger kits avail. on request)
SR 1610 / Mix Fill 10		

Very light filler formulation for finishing fairing. Easy to sand and does not clog sandpaper.

SD 2613

14 L
28 L
(larger kits avail. on request)

FOAMING SYSTEMS

PB 250

Two component formulation for the production of "in situ" low density epoxy foam. 250 kg/m³ density (other densities available). Can be cast onto prepregs and wet lay-up epoxies during cure.

Hardener

Kit Availability

DM 02

0.7 kg
6.8 kg

Sprayable foaming system for meter-mixing machines is also available on request.

TOOLING SYSTEMS

SR 1660

Suitable for parts or tooling with a service temperature of 120°C (150°C peak). Excellent chemical and oxidation resistance. Low exothermic peak. Variety of processing options – laminating, press moulding, casting, or injection.

Hardener

Kit Availability

SD 2630

4.6 kg
(larger kits avail. on request)

SR 7900 A

A 3 component epoxy system specially formulated for service temperatures up to 160°C (210°C peak). The system exhibits excellent electrical, mechanical and thermal properties.

Hardener / Accelerator

SD 7900 B /
SA 7900 C

5.8 kg
(larger kits avail. on request)

CASTING SYSTEMS

SR 8500

Unfilled casting system. Suitable for 5L castings and up to 5cm thick laminates.

Hardener

Kit Availability

SD 7160

8.9 kg
(larger kits avail. on request)

SR 1500

Unfilled casting system. Suitable for 100L castings where fillers will be added.

SD 597.20

38 kg
(larger kits avail. on request)

SR 1690

Optical quality casting system. Excellent resistance to thermal and physical shocks.

SD 7160

1.5 kg
7.5 kg
(larger kits avail. on request)

GEL COATS

SG 715 White

Excellent UV stability. Good abrasion resistance. Can be applied by brush or spray.

Hardener

Kit Availability

SD 802

1.3 kg
6.4 kg
(larger kits avail. on request)

SG 530 GM

Black tooling gelcoat. Service temperature of 60-70°C.

SD 5444

1.3 kg
5.4 kg

SG 640 GM

Black tooling gelcoat. Service temperature of 120°C.

SD 5442.21

1.2 kg
4.9 kg

EPOXY ADHESIVES

AEROBOND SR 7300

Used for structural bonding of composites, aluminium, steel and wood. Exhibits good flexibility, and peeling & fatigue resistance. Unfilled.

Hardener

Kit Availability

SD 7303

1.4 kg
7 kg

SR 3-10

Unfilled bonding paste. Provides fast bonding, positioning or tacking. Simple 1/1 mix ratio.

SD 3' (3 min. cure)
SD 10' (10 min. cure)

1 kg

310 WHITE

Filled bonding paste. Provides fast bonding, positioning or tacking. Simple 1/1 mix ratio.

3' BLUE (3 min. cure)
10' BLACK (10 min. cure)

1 kg

SR 8500 GEL

Structural core bonding adhesive. Black translucent resin allows laminator to visually confirm even film thickness.

SD 8601 Ultra Slow
SD 8605 Fast

0.7 kg
6.7 kg

Note:

The user will determine the suitability for use of these products. The recommendations / data given above are based on information we believe to be accurate. They are intended to be used only as a guide for selection for end-use evaluation and do not constitute a product specification. Lavender CE cannot assume responsibility for results obtained by use of these products as we have no control over end-use applications or handling. Lavender CE therefore specifically disclaims any damage or loss of any kind in relation to the use of these products.