



Superior Performance • Rapid Turn-Around

Aerospace Interiors Product Selector

EDGE FILL / CORE FILL

	COMPONENTS	SET SPEED IN MINUTES	CURE	ELEVATED CURE POSSIBLE	MIXED SPECIFIC GRAVITY (GMS/CC)	MIX RATIO BY WEIGHT	AVAILABLE IN SBS CARTRIDGES	MIXED COLOR	FLAME RETARDANT	FLAME REQUIREMENT	POT LIFE IN MINUTES	75° (23°C) AL-AL LAPS/HEAR (PSI)	180°F (82°C) AL-AL LAP SHEAR (PSI)	T-PEEL (PIW)	COMPRESSIVE STRENGTH (PSI)	COMPRESSIVE MODULUS (PSI)
<p>Magnolia 73-3 A/B - A lightweight, epoxy core fill that is designed to meet the requirements of Hawker Beechcraft BS23818, Type 1, Class 1, Grade FR.</p> <p>Magnolia 73-3 A/B is qualified to the following specifications: Heath Techna HMS C2-001, Type 1, Class 2, Grade A</p>	2	8-12 Hours	7 Days @ RT	Yes	0.50	100:14	No	Brown	Yes	FAR 25.853	40	T.B.D.	N/A	N/A	2,500	T.B.D
<p>Magnolia 73-5 A/B - An epoxy syntactic potting compound used in both core and edge fill applications.</p> <p>Magnolia 73-5 A/B is qualified to the following specifications: Nordam NM 3054, Type 1, Grade 1A</p>	2	8-12 Hours	7 Days @ RT	Yes	0.50	100:14	No	Brown	Yes	FAR 25.853	50	T.B.D.	N/A	N/A	3,300	T.B.D
<p>Magnolia 73-6 A/B - An epoxy syntactic potting compound used in both core and edge fill applications. This product is a longer pot life version of 73-5.</p> <p>Magnolia 73-6 A/B is qualified to the following specifications: Nordam NM 3054, Type 1, Grade 1A</p>	2	8-12 Hours	7 Days @ RT	Yes	0.50	100:19	No	Brown	Yes	FAR 25.853	80	T.B.D.	N/A	N/A	3,000	T.B.D
<p>Magnolia 82 A/B - A lightweight, rapid curing, epoxy syntactic designed for edge fill in honeycomb panels. This product is a color coded version of 85-3.</p> <p>Magnolia 82 A/B is qualified to the following specifications: Heath Techna HMS C2-001, Type 1, Class 2, Grade B</p>	2	15	7 Days @ RT	Yes	0.85	100:73	Yes	Green	Yes	FAR 25.853	3	T.B.D.	N/A	N/A	6,500	T.B.D
<p>Magnolia 85-3 A/B - A lightweight, rapid curing, epoxy syntactic designed for edge fill in honeycomb panels.</p> <p>Magnolia 85-3 A/B is qualified to the following specifications: Aim Aviation AMS 09, Type 3 C & D Aerospace (Zodiac) CDM 212-00, Type 16, Class 2 Bombardier BAPS 72002, Type V Nordam NM 3054, Type 3, Grade 1B</p>	2	15	7 Days @ RT	Yes	0.85	100:73	Yes	Blue	Yes	FAR 25.853	3	1,500	N/A	N/A	6,500	T.B.D
<p>Magnolia 85-4 A/B - A lightweight, rapid curing, epoxy syntactic designed for edge fill in honeycomb panels. This product was developed for its moisture resistance properties.</p> <p>Magnolia 85-4 A/B is qualified to the following specifications: Hawker-Beechcraft BS23818, Class 1, Type 3, Grade FWR</p>	2	15	7 Days @ RT	Yes	0.80	100:18	Yes	Purple	Yes	FAR 25.853	7-10	T.B.D.	N/A	N/A	6,000	T.B.D



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EDGE FILL / CORE FILL (Continued)

	COMPONENTS	SET SPEED IN MINUTES	CURE	ELEVATED CURE POSSIBLE	MIXED SPECIFIC GRAVITY (GMS/CC)	MIX RATIO BY WEIGHT	AVAILABLE IN S/S CARTRIDGES	MIXED COLOR	FLAME RETARDANT	FLAME REQUIREMENT	POT LIFE IN MINUTES	75° (23°C) AL-AL LAPS/HEAR PSI	180°F (82°C) AL-AL LAP SHEAR PSI	T-PEEL (PIW)	COMPRESSIVE STRENGTH (PSI)	COMPRESSIVE MODULUS (PSI)
<p>Magnolia 87-2 A/B (Also known as 128-135 A/B) - An epoxy syntactic designed for edge fill in 1/8' honeycomb panels. When tested per FAR 25.853 (d), Amendment 25-83, Appendix F, Part V, panels using 87-2 meet the requirements outlined in ABD0031, Issue E, for Smoke Density and Toxicity.</p> <p>Magnolia 87-2 A/B (128-135) is qualified to the following specifications: C&D Aerospace (Zodiac) CDM212-00, Type 18, Class 1</p>	2	8-12 Hours	7 Days @ RT	Yes	0.50	100:14	No	White	Yes	FAR 25.853	40	T.B.D.	N/A	N/A	2,500	T.B.D.
<p>Magnolia 108-120 A/B - A lightweight, rapid curing, epoxy syntactic designed for edge fill in honeycomb panels.</p>	2	15	7 Days @ RT	Yes	0.65	1:1	Yes	Blue	N/A	1:1	3	T.B.D.	N/A	N/A	5,000	300,000
<p>Magnolia 133-046 - An epoxy potting compound designed to cure in the range of 250°F - 350°F. This product has a smooth consistency and has excellent flame retardant characteristics.</p>	1	N/A	1-2 Hours @ 250°F - 350°	Yes	0.70	N/A	N/A	Brown	Yes	FAR 25.853	N/A	T.B.D.	N/A	N/A	6,800	T.B.D.

POTTING COMPOUNDS

<p>Magnolia 121-146 A/B - A lightweight, epoxy potting and filling adhesive designed to dispense easily from side-by-side cartridges.</p> <p>Magnolia 121-146 A/B is qualified to the following specifications: C&D Aerospace (Zodiac) CDM212-00, Type 17, Class 2 Embraer MEP10-051</p>	2	15-30	7 Days @ RT	Yes	0.85	80:100	Yes	White	No	N/A	3	4,600	T.B.D.	N/A	6,500	300,000
<p>Magnobond 92-1 A/B - A high-strength, flame-retardant epoxy syntactic potting system for metal, plastics and paper honeycomb core.</p> <p>Magnobond 92-1 A/B is qualified to the following specifications: Boeing BMS 5-28, Type 18, Class 1 Rohr (Goodrich) RMS 027, Type IV, Class III</p>	2	3-6 Hours	24 Hours @ 77°	Yes	0.65	100:20	NO	White	Yes	BMS 5-28	15	1,900	T.B.D.	N/A	5,200	290,000
<p>Magnolia 93-1 A/B - A fast setting, flame-retardant adhesive designed for pin bonding. This product was developed to be a lower exotherming version of 121-146 A/B.</p> <p>Magnolia 93-1 A/B is qualified to the following specifications: AIM Aviation AMS 08, Type 3</p>	2	10	7 Days @ RT	Yes	1.00	100:66	Yes	White	Yes	BMS 5-28	5	3,400	T.B.D.	N/A	10,100	375,000



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ADHESIVES

	COMPONENTS	SET SPEED IN MINUTES	CURE	ELEVATED CURE POSSIBLE	MIXED SPECIFIC GRAVITY (GMS/CC)	MIX RATIO BY WEIGHT	AVAILABLE IN CARTRIDGES	MIXED COLOR	FLAME RETARDANT	FLAME REQUIREMENT	POT LIFE IN MINUTES	75° (23°C) AL-AL LAPSHEAR PSI	180°F (82°C) AL-AL LAP SHEAR PSI	T-PEEL (PIW)	COMPRESSIVE STRENGTH (PSI)	COMPRESSIVE MODULUS (PSI)
<p>Magnobond 6162 A/B - A flame-retardant epoxy adhesive with good peel strength and high temperature properties.</p> <p>Magnobond 6162 A/B is qualified to the following specifications: Cessna CMNP008, Type 1, Class A</p>	2	6-8 Hours	7 Days @ RT	Yes	1.20	100:40	Yes	Brown	Yes	BMS 5-28	30	5,000	2,200	25	9,300	T.B.D
<p>Magnolia 6166 A/B - A flame-retardant epoxy adhesive having good peel strength and high temperature properties.</p> <p>Magnolia 6166 A/B is qualified to the following specifications: Cessna CMNP008, Type 1, Class A</p>	2	6-12 Hours	7 Days @ RT	Yes	1.20	100:50	Yes	Cream	Yes	BMS 5-28	60	4,000	2000	20	T.B.D	T.B.D
<p>Magnolia 6167 A/B - A flame-retardant epoxy adhesive having good peel strength and high temperature properties. Magnolia 6167 A/B is designed to be a lower viscosity version of Magnolia 6166 A/B.</p> <p>Magnolia 6167 A/B is qualified to the following specifications: Cessna CMNP008, Type 2, Class B</p>	2	6-12 Hours	7 Days @ RT	Yes	1.20	100:54	No	Cream	Yes	BMS 5-28	60	4,000	2000	15	T.B.D	T.B.D
<p>Magnolia 6398-5 A/B - A flame-retardant epoxy adhesive having high temperature properties.</p> <p>Magnolia 6398-5 A/B is qualified to the following specifications: Cessna CMNP008, Type 2, Class A</p>	2	12 Hours	7 Days @ RT	Yes	1.20	100:27	No	Off-White	Yes	BMS 5-28	60-90	3,500	2,500	2	T.B.D	T.B.D

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5547 Peachtree Industrial Boulevard • Chamblee, GA 30341 USA • 800.831.8031 • 770.451.2777 • Fax 770.451.5376
www.magnoliaplastics.com • sales@magnoliaplastics.com