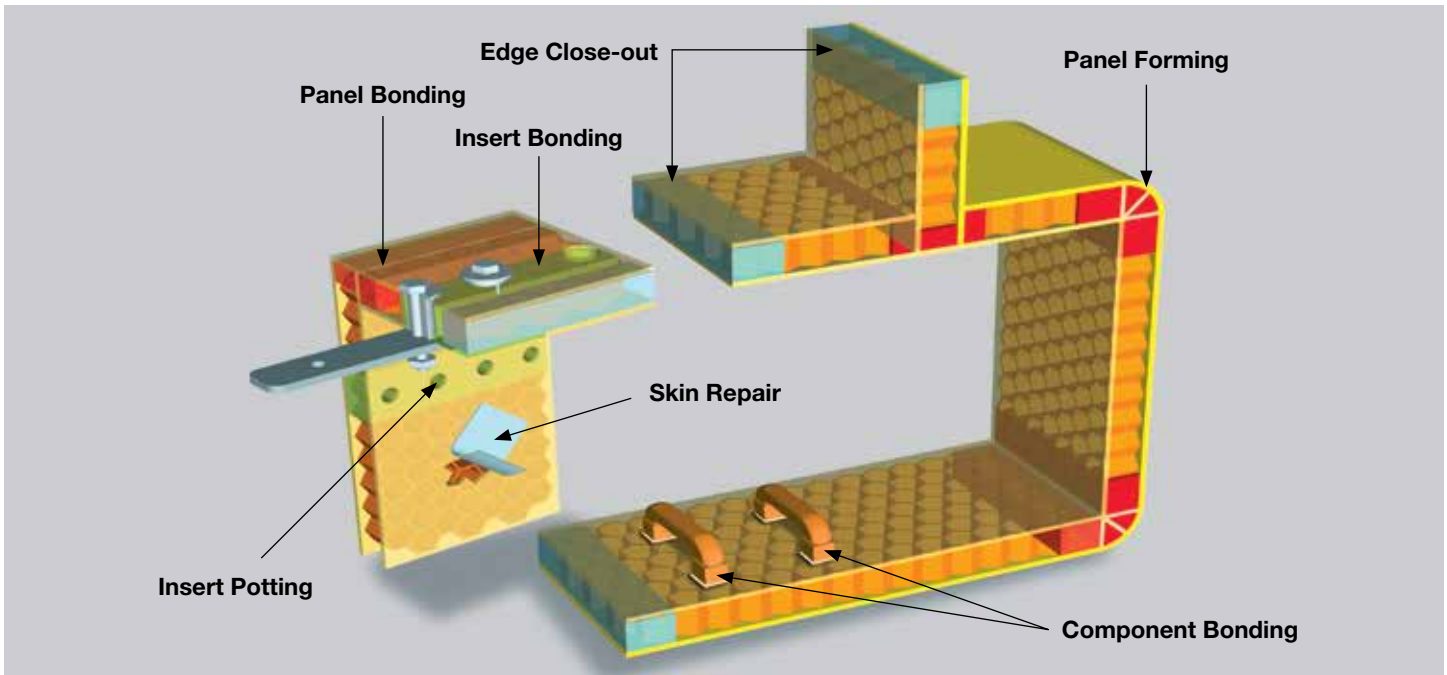


Advanced Materials

Aerospace Materials for Production, Maintenance and Repair Applications

Selector Guide





Araldite® 252 Void/Edge Filler

Low-density epoxy void/edge filler for core-reinforcing applications. Offers increased compressive strength and higher service temperature.

- Flame retardant
- Good sanding and machining properties
- Room temperature cure
- Light blue color

Araldite® AV 8504/TDT 177-27 Adhesive

Epoxy adhesive that produces very strong bond lines on a variety of substrates. Well suited for panel pin bonding.

- Fast setting
- Quick cure
- Meter/mix dispensable
- Black color

Araldite® 1570 FST A/B Adhesive

Self-extinguishing, halogen-free epoxy adhesive designed for PE foam-to-phenolic GRP bonding in cargo areas.

- Flame retardant
- Extrudable paste
- Dark grey color

CG 1305 A/B Void/Edge Filler

High-strength epoxy void/edge filler suitable for panel bonding, reinforcing high-stress areas in honeycomb and potting applications.

- Flame retardant
- Pourable
- Room temperature cure
- Off-white color

Epibond® 100 A/B Adhesive

Structural epoxy adhesive suitable for interior applications. Excellent for CFRP bonding.

- Good chemical and environmental resistance
- Service temperature up to 350°F
- Dry/wet Tg
- Very high lap shear strength
- Off-white color

Epibond® 200 A/B Adhesive NEW

High-strength structural epoxy adhesive. Recommended for applications requiring toughness and flexibility.

- Flexible
- Sag resistant
- Easy 1:1 mix ratio
- Wide service temperature window
-67°F (-55°C) to 160°F (71°C)
- Dark grey color

Epibond® 420 A/B Adhesive

Highly-versatile epoxy adhesive suitable for a wide variety of metal, honeycomb and composite bonding applications where exceptional toughness and resilience are required.

- Room temperature cure
- Durable
- Toughened
- Blue-green color

Epibond® 1544 Series of Adhesives

Low-flow, gap-filling epoxy adhesives available in three different hardener configurations, two gel times and three colors. Develops early green strength and is designed for joining dissimilar materials including plastics, metals and composite laminates used in aircraft interiors.

- Flame retardant
- Semi-paste
- Off-white, beige and white colors

Epibond® 1559-1 A/B Series of Adhesives

Fast-setting epoxy adhesives suitable for component bonding.

- Flame retardant (self-extinguishing)
- Rapid setting
- Cures to the touch after one hour at 77°F
- Dark grey color

Epibond® 8000 FR A/B Adhesive

Flame-retardant, structural epoxy adhesive suitable for interior applications.

- Good chemical and environmental resistance
- Nano toughened
- High lap shear strength
- UV stable
- Off-white color

Epocast® 50 A1/946 Laminating System

Fast-setting, high-strength epoxy laminating system for the manufacture and repair of composite structures.

- Flame retardant
- Unfilled
- Amber color

Epocast® 50 A1/9816 Laminating System

High-strength epoxy laminating system for the manufacture and repair of composite structures.

- Flame retardant
- Unfilled
- Amber color

Epocast® 52 A/B Laminating System

High-temperature, moderate-viscosity epoxy laminating system. Designed for repairing graphite and fiberglass composite components.

- Good hot/wet performance
- Excellent chemical resistance
- Cures quickly at temperatures between 150°F (65°C) - 200°F (93°C)
- Blue color

Epocast® 1617 A/B Void/Edge Filler

Low-density, high-strength epoxy void/edge filler suitable for core-reinforcing applications.

- Flame retardant
- Paste
- Room temperature cure
- Off-white color

Epocast® 1618 D/B Void/Edge Filler

Low-density, extrudable epoxy void/edge filler suitable for insert potting, bonding, panel forming and close out of honeycomb materials.

- Flame retardant
- Increased compressive strength
- Fast setting
- Room temperature cure
- Off-white color

Epocast® 1622 FST A/B Void/Edge Filler

Low-density, fast-setting epoxy void/edge filler suitable for insert potting, bonding, panel forming and close out of honeycomb structures.

- Meets FST requirements
- Extrudable/non sag
- Increased compressive strength at elevated temperatures
- Room temperature cure
- White color

Epocast® 1628 A/B Void/Edge Filler

Ultra-low density epoxy void/edge filler for core-reinforcing applications.

- Flame retardant
- Good sanding and machining properties
- Room temperature cure
- Off-white color

Epocast® 1629 A/B Void/Edge Filler

Ultra-low density epoxy void/edge filler for core-reinforcing applications.

- Flame retardant
- Easy to apply
- Good sanding and machining properties
- Room temperature cure
- Off-white color

Epocast® 1633 A/B Void/Edge Filler

Low-density epoxy syntactic void/edge filler for insert potting, core-reinforcing and panel repair applications. Designed for situations where a quick time to sand and handle is needed.

- High compressive strength
- Rapid setting
- Extrudable
- Variety of colors

Epocast® 1645 FR A/B Void/Edge Filler NEW

Ultra low-density epoxy void/edge filler that is easy to mix, apply and sand with a wide processing window.

- Easy 1:1 mix ratio with color mix indicator
- Ultra low density of .45 - .48 g/cc
- Service temp to 350°F
- Flame retardant
- Good sanding and machining properties
- 1yr shelf life

Uralane® 5774 A/C Adhesive

Polyurethane adhesive which produces tough, impact-resistant bonds on hard-to-join thermoplastics and metal substrates.

- Flame retardant
- Semi-paste
- Handling strength after four hours at 77°F
- Beige color

General Bonding and Repair

Araldite® 2010-1 Adhesive

Fast reacting, toughened, multi-purpose epoxy adhesive.

- Room temperature cure
- High shear and peel strength
- Bonds a wide variety of substrates
- Pale yellow color

Araldite® 2011 Adhesive

Multi-purpose, structural epoxy adhesive that exhibits high strength and toughness.

- Room temperature cure
- Low shrinkage
- Long working life
- Bonds a wide variety of substrates
- Pale yellow color

Araldite® 2012 Adhesive

Multi-purpose, structural epoxy adhesive with a moderate viscosity providing high strength and toughness.

- Room temperature cure
- Bonds a wide variety of substrates
- Pale yellow color

Araldite® 2014 Adhesive

Structural epoxy adhesive that exhibits high strength with good environmental and chemical resistance.

- Room temperature cure
- High service temperatures
- Low outgassing
- Bonds a wide variety of substrates
- Pale yellow color

Araldite® 2015 Adhesive

Structural epoxy adhesive which develops a resilient bond. It is particularly suitable for SMC and GRP bonding.

- Room temperature cure
- High shear and peel strength
- Gap filling/non sag
- Beige color

Fastweld™ 10 A/B Adhesive

Rapid-setting epoxy adhesive offering a convenient one-to-one mix ratio. Develops strong bonds within a short time.

- Room temperature cure
- Paste
- Grey color

Global Presence – 13 Manufacturing Sites



For More Information

www.huntsman.com/aerospace
advanced_materials@huntsman.com

HUNTSMAN

Enriching lives through innovation

Americas:

Huntsman Advanced Materials Americas
10003 Woodloch Forest Drive
The Woodlands
Texas 77380
USA
Tel. +1 888 564 9318
Fax +1 281 719 4047

Europe/Africa:

Huntsman Advanced Materials (Switzerland) GmbH
Klybeckstrasse 200
P.O. Box
4002 Basel
Switzerland
Tel. +41 61 299 11 11
Fax +41 61 299 11 12

India/MiddleEast:

Huntsman Advanced Materials (India) Pvt. Ltd.
5th Floor, Bldg. No. 10
Solitaire Corporate Park, 167
Guru Hargovindji Marg, Chakal, Andheri (East)
Mumbai – 400 093
India
Tel. +91 22 4095 1556-60
Fax + 91 22 4095 1300/1400/1500

Asia/Pacific:

Huntsman Advanced Materials
Shanghai Suites 4903 – 4906, 49F Maxdo Centre
8 Xing Yi Road
Shanghai, 200336
P.R. China
Tel. + 86 21 2208 7588
Fax + 86 21 2208 7511
Free hot line: + 86 20 8484 5000

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