

Epiglass HT9000

Epiglass
Epoxy Resin



PRODUCT DESCRIPTION

A versatile epoxy resin system, suitable for a wide variety of uses, such as sheathing, laminating, filling and fairing, and gluing, on boats of all types. In addition to the high strength and durability associated with epoxy resins, this unique and easy-to-use formula offers many special features:

- * Solvent free and low odour ensuring a cleaner working environment.
- * Improved workability to adapt to varying environments
- * Low viscosity for ease of mixing and wet out
- * Slow hardener is suitable for more complicated jobs, e.g. repairs and laminating

PRODUCT INFORMATION

Colour	YAA900
Finish	Gloss
Specific Gravity	1.1
Volume Solids	100%
Mix Ratio	3:1 by volume
Converter/Curing Agent	YAA912
Typical Shelf Life	2 yrs
VOC (As Supplied)	0 g/lt
Unit Size	5 lt

DRYING/OVERCOATING INFORMATION

	Drying	
	23°C (73°F)	35°C (95°F)
Pot Life	50 mins	30 mins

Note: Pot lives are per 100 gms of HT9000. Pot life reduces as temperature and mix volume increases. Thin Film Gel Times: 23°C - 4.5 hrs; 35°C - 2 hrs

Overcoating	
Substrate Temperature	

APPLICATION AND USE

Preparation	<p>GRP All surfaces should be sanded thoroughly and wiped down with International Epoxy Thinners #7. Remove all traces of release agents from bare new hulls since this could impair adhesion.</p> <p>WOOD Sand along the grain with 220-280 grade paper for a good cosmetic finish. Sand across the grain with 40-60 grade paper for good adhesion when gluing. Wipe down with International Epoxy Thinners #7.</p> <p>METAL Grind the surface to remove oxidation and provide a key. Wipe down with International Epoxy Thinners #7. For Aluminium/Bronze/Lead, better adhesion will be achieved by sanding the resin mix into the surface using wet or dry paper.</p>
Method	Apply to a surface pre-primed with a thin layer of resin mix. Techniques will vary depending on the job in hand. For Coating and Sheathing, apply a first primer coat and then subsequent coats with a brush or roller. A glue brush can be used for Gluing or a spatula which can also be used for Fillet Bonding. Use a spreader for Filling and Fairing applications. Pour paint into paint tray to extend working time.
Hints	<p>Mixing Always measure accurately by volume to the 3:1 ratio. Add curing agent to the base and mix well. Carefully blend in any additive powders chosen until the desired consistency is achieved. Mix only as much as you can use in 20 minutes.</p> <p>Thinner YTA061 International Epoxy Thinners #7.</p> <p>Thinning Only use thinner when sheathing. Maximum 5%.</p> <p>Cleaner YTA061 International Epoxy Thinners #7.</p> <p>Other Use glue powder in all filler, fairing and filleting mixes to prevent sagging.</p>
Some Important Points	An amine blush may form on the surface of the Epiglass HT9000 as it cures, particularly in cold, damp conditions. The cured Epiglass HT9000 should therefore be fresh water washed with a 3M Scotchbrite pad to remove any amine blush before proceeding with the application of varnish, undercoat, etc. Do not apply over conventional (one-pack) coatings. Product temperature should be minimum 20°C and maximum 30°C. Ambient temperature should be minimum 25°C and maximum 35°C. Substrate temperature should be minimum 25°C and maximum 35°C.
Compatibility/Substrates	Epiglass HT9000 will adhere to most substrates which have been thoroughly prepared, with the exception of thermoplastics such as PVC and polypropylene. Do not use on GRP which is not fully cured. Use slow curing agent for

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	more complicated jobs e.g. repairs and laminating.
Number of Coats	Variable
Coverage	Varies depending on usage.
Application Methods	Brush, Roller, DO NOT SPRAY

TRANSPORTATION, STORAGE AND SAFETY INFORMATION

Storage

GENERAL INFORMATION:

Exposure to air and extremes of temperature should be avoided. For the full shelf life of Epiglass HT9000 to be realised ensure that between use the container is firmly closed and the temperature is between 5°C/41°F and 35°C/95°F. Keep out of direct sunlight.

TRANSPORTATION:

Epiglass HT9000 should be kept in securely closed containers during transport and storage.

Safety

GENERAL:

Avoid contact with skin and eyes. Epiglass HT9000 can cause dermatitic skin reactions. Always use gloves and goggles and keep skin protected with overalls. Any accidental skin contact should be immediately washed off with soap and water. Do not eat, drink or smoke in mixing or application areas. Wear suitable respiratory protective equipment. Read the label safety section for Health and Safety Information, also available from our Technical Help Line.

DISPOSAL:

Do not discard tins or pour paint into water courses, use the facilities provided. It is best to allow paints to harden before disposal.

Remainders of Epiglass HT9000 cannot be disposed of through the municipal waste route or dumped without permit.

Disposal of remainders must be arranged for in consultation with the authorities.

IMPORTANT NOTES

The information given in this sheet is not intended to be exhaustive. Any person using the product without first making further written enquiries as to the suitability of the product for the intended purpose does so at their own risk and we can accept no responsibility for the performance of the product or for any loss or damage (other than death or personal injury resulting from negligence) arising out of such use. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.

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