HELMIBOND 590

CATALYST

Product Description

HELMIBOND 590 is a hardener/catalyst that is used in conjunction with some PVA emulsions. It provides increased bond strength, improved heat resistance and increased water resistance when compared to conventional PVA products.

Benefits

- Non-flammable
- Easy mixing
- Good heat and water resistance

Handling & Storage

- Consult the Safety Data Sheet prior to use
- Store in labeled, corrosion-resistant containers
- Store away from bases and out of direct sunlight – Keep container tightly closed when not in use
- Keep from freezing – Do Not use with equipment containing brass or bronze parts
- Store and use at room temperature 20°C (68°F)

Physical Properties

Solids Content:	50% +/- 1.0%
Viscosity:	Less than 50 cP
Weight/Gal:	10.64 lb
Shelf Life:	6 months
pH:	<1.0
Color:	Water white, yellows with age
Packaging:	1kg bottles
VOC Content:	0 lb/gal (0 g/L); less water and exempt solvents

Meets or Exceeds

LEED Indoor Environmental Quality Credit 4.1; Low Emitting Materials: Adhesives and Sealants.

- VOC content less than limits imposed by the State of California's South Coast Air Quality Management District (SCAQMD). Rule 1168 (80 g/L, less water and exempt solvents). LEED Indoor Environmental Quality Credit 4.4; Low Emitting Materials: Composite Wood and Laminate Adhesives
- No added urea-formaldehyde
- OTC Rules for Adhesives & Sealants – Contact Bond Adhesive
- SCAQMD Rule 1168

Clean-up

Use warm water when the adhesives is in the wet state.

Mixing

The amount of HELMIBOND 590 used can vary from 2 - 5% by weight of adhesive. Slowly add the 590 to the adhesive and mix well for 5 -10 minutes. Let the mixture sit for 15-minutes. Stir breifly, then use. The pot life of the mixture is 24-hours at 20°C (68°F)

HELMITIN ADHESIVES
Toll Free: 877.823.2624
inquiries@helmitin.com
helmitin.com

*SEE SDS FOR REGULATORY INFORMATION

HELMIBOND 590 CATALYST

Caution

HELMIBOND 590 is acidic. Avoid contact with skin and eyes. Rinse affected areas immediatley with water.

Warranty

Because Seller has no control over methods of product application or conditions of use, its product is warranted only to be made of standard commercial grade materials and in conformance with Seller's published specifications, if any. Any recommendations for the use of the product are based on tests or experience believed to be reliable and are furnished without compensation, and Seller does not guarantee the applicability or the accuracy of this information or the suitability of its product in any given situation. Buyer must make its own tests to determine the suitability of Seller's product for Buyer's particular use and Buyer assumes all risk and liability of use of Seller's product.

HELMITIN ADHESIVES
Toll Free: 877.823.2624
inquiries@helmitin.com
helmitin.com

HELMITIN
QUALITY ADHESIVE SOLUTIONS

*SEE SDS FOR REGULATORY INFORMATION