



POLYTEK® DEVELOPMENT CORP.
BCC PRODUCTS, INC

Technical Data Sheet

BC-4544 Polyester Paste

(Mahogany, Pine and White, Yellow)

Uses

Truly a major breakthrough in wood repair pastes. This polyester resin base compound is easy to use, sets in minutes and can be sanded or carved almost immediately. No need to wait all day as in other wood fillers. Acts like wood yet exhibits no grain problems. **BC4544** Wood Filler can be carved, sanded, filed, scraped, drilled, tapped or machined to a featheredge. No paint preparation is required and even accepts stain better than wood.

Applications

Tooling: A must for the wood tooling, model and pattern industry, making revisions, engineering changes and rebuilding of wood pattern and master models.

Marine: Ideal for patching holes in hulls and bulkheads. An excellent water resistance item for emergency repairs for all types of wood and fiberglass boats.

Furniture: For the restoration of all types of wood furniture and antiques. Seals and fills in holes, gouges and cracks. Great for the furniture refinisher.

Other Applications: A unique lightweight filler paste designed for working with model craft and other wood products in any scale or form.

Surface Preparation

Area to be filled should be clean and dry, free from dust, oil and release agents. It is advisable to scarify the area prior to application.

Mixing Instructions

Ratio 100 parts filler to 1-2 parts cream hardener by weight. Putty knife mixing recommended. Setting time is 6-12 minutes. Additional cream hardener will shorten setup time whereas less cream hardener prolongs setup time. External heat does not affect bonding properties.

Application

May be applied at any reasonable thickness by spreading or splining. Do not work with more material than can be applied in 6 minutes. Material mixed with cream hardener should not be returned to original can.

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2/6/2020

Finishing

After final cure material may be scraped, sanded, filed, drilled, taped or machined to a featheredge.

Caution

Contains polyester resin and styrene monomer. Vapor harmful. Avoid prolonged or repeated contact with skin or eyes. For skin contact, remove with rubbing alcohol and wash with soap and water. For eye contact, flush with plenty of water and seek physician.

Working Properties

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|-----------------------------------|--|
| Mix Ratio: (by weight) | 100 parts paste to 1 or 2 parts cream hardener |
| Pot Life (@24°C/75°F) – 1 lb mass | 6 to 12 minutes |
| Cure Schedule (24°C/75°F) | 20 to 60 minutes |

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