



BCC PRODUCTS, INC.



BLEHM PLASTICS

FAST CAST – EPOXIES – URETHANES – POLYESTER PASTES – TOOLING BOARDS – RELEASE AGENTS – SILICONES

BP 9024 FAST- SET ADHESIVE

DESCRIPTION:

BP 9024 is a fast-set epoxy adhesive specially formulated for the bonding of wood and urethane model board. It can also be used for making quick patches and fast laminates. The resin is color indicated (green) and will turn to a clear amber color as the hardener is mixed into the resin. This indicator system promotes fast and efficient mixing of the resin and hardener, insuring that they are thoroughly mixed, yet wasting no time overmixing.

USE PROCEDURE:

Mix equal parts resin and hardener. Continue mixing until the green indicator color disappears. Dispenser caps are supplied with the one pint units for visually measuring small quantities by volume. These caps may be cut back to allow larger beads to be extruded. Extrude equal length beads of resin and hardener onto a flat surface and mix thoroughly until the green color disappears. BP 9024 has a gel-time of 5 minutes and a 15 minute set-time (time at which useable strength will have developed), with full cure in several hours at 72°F.

PROPERTIES:

Mix ratio - resin/hardener:	1/1; equal parts
Viscosity - resin:	27,000 cps @ 72°F
Viscosity - hardener:	18,500 cps @ 72°F
Specific gravity - resin:	1.16
Specific gravity - hardener:	1.12
Pot life - 50 grams:	5 minutes @ 72°F
Impact - Charpy:	19.0 lbs/inch
Impact - Izod:	3.6 lbs/inch notch
Hardness: Shore	D 60

PRECAUTIONS:

The resin will gradually thicken with age; use within one year. The hardener when unopened has a shelf life of at least a year, but when opened will gradually thicken in a few months. Skin contact should be avoided. After using, clean hands with alcohol followed by soap and water. For eye contact, flush with water and consult a physician immediately. For further safety information, please see the MSDS.

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