



BCC PRODUCTS, INC.

BLEHM PLASTICS

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

**BP 3176
HIGH TEMPERATURE - ALUMINUM FILLED
EPOXY SURFACE COAT**

DESCRIPTION:

BP 3176 is a high-temperature, aluminum-filled epoxy surface coat. It has a thixotropic consistency which allows successive coats to be brushed on to any desired thickness without sagging on vertical surfaces. BP 3176 is formulated to have minimum skin irritation potential and avoids all carcinogenic materials in both the resin and hardener.

USE PROCEDURE:

Mix the resin and hardener in the ratio of 100 parts resin to 14 parts hardener, by weight. Apply as many coats as required to achieve the desired thickness, allowing each coat to firm up before applying the next coat. Delays between application of succeeding coats may be as long as 24 hours with excellent adhesion. When the finished tool is to be used at an elevated temperature, it should be given a post-cure. A suggested cure schedule is:

4 Hrs. @ 130°F
4 Hrs. @ 235°F

PROPERTIES:

| | |
|------------------------------|-------------------|
| Mix ratio - resin/hardener: | 100/14 by weight |
| Pot life - 114 grams: | 50 minutes @ 72°F |
| Specific gravity - resin: | 1.390 |
| Specific gravity - hardener: | 1.064 |
| Hardness: | Shore D 80 |
| Heat deflection temperature: | 235°F; post-cured |

PRECAUTIONS:

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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