

Product Name

SMASH-IT

Breakaway Casting Resin

Product Description

Smash-It is a breakaway blend made from high quality resins and polymers to give a unique glass effect. This product has been widely used on many film and TV productions.

Features include:

- Glass like clarity
- Can be heated and hand poured
- Will shatter like glass
- Can be coloured using oil soluble dyes mixed in white oil

Physical Properties

Melting point	115°C
Softening Point	105°C
Density	1.1 g/cc

Handling Properties

Smash-It is best heated in purpose built wax melting pots, however an oven or hot plate can also be used. It is important that the temperature is properly controlled, as excessive temperature will cause the product to yellow. In fact, temperatures should never exceed 160°C. Excessive time at elevated temperatures will also cause the product to yellow.

The normal pouring temperature of Smash-It is 120-140°C. At this temperature there may be air bubbles in the liquid product. To remove the air bubbles the wax should be held at the pouring temperature until the air bubbles have come to the surface and dissipated.

For best results Smash-It should be poured into silicone rubber moulds or silicone coated moulds. Purpose built table for casting glass panels are also widely used.

Pouring into other moulds can give other effects. For example pouring onto Aluminium foil, as shown in the picture, can give a frosted effect.

Always use clean utensils and moulds. Any contamination may affect the clarity of the finished product.

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Disclaimer

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