



Product Technical Datasheet

BC 1000

Release Agent

Preliminary Datasheet Version: 090514

Applications

BC1000 is a universal silicone based release agent specifically formulated for the release of both low and high temperature cured urethanes from metal and plastic molds. It is also suitable for use in molding epoxies and Viton®.

Characteristics

BC 1000 forms a lubricating, heat stable non-carbonizing film that gives **excellent** release, surface definition, and mold cleanliness. It is inert, will not corrode metal or plastic molds and does not give off noxious odors at elevated temperatures. BC 1000 will not decompose under long exposure to high temperatures 400° F (204° C) associated with some polyurethane, epoxy, and Viton molding operations. BC 1000 is equally suitable for polysulfides, polyesters, and rigid and flexible molds. It has unusually low surface tension, spreads easily and rapidly without "fish eyes". BC 1000 is cost effective, produces fewer rejects when properly applied, and will not discolor light colored stocks

Instructions for Use

Aerosol

Note: Always use aerosol and solvent diluted materials in a well-ventilated area. Spray lightly and evenly on clean mold surfaces. Allow the solvent in BC 1000 to evaporate and the surface to air dry for approximately 10 minutes. For quicker drying times, dry the master or mold surface with warm air. Use *sparingly*; too much release agent tends to build up and cover some details on the master or mold surface. You may wipe off any excess release agent with lint free paper.

Physical Properties (Bulk)

The following table lists the properties of BC1000 in bulk. Property	BC 1000
Color	Colorless
Viscosity @ 75° F (24° C), CPS	3
Specific Gravity @ 75° F (24° C)	0.70
Weight per Gallon, lb.	5.80
Flash Point	>0° F (-18° C)
Release Type	Silicone



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