

MAC 794B

SEMI-PERMANENT WATER BASED FLUOROPOLYMER RELEASE FILM

PRODUCT DESCRIPTION

MAC 794B an aqueous solution of fluoropolymer that will not settle on standing. It will provide a durable, semi permanent type release film that will not transfer to moulded parts. MAC 794B will provide a dry, colourless film coating which is particularly effective in releasing polyurethanes, fluoroelastomers, silicone and other organic rubber compounds.

PRODUCT PROPERTIES

Color Appearance.....	Clear to slight yellow solution.
Dispersing Medium.....	Water
Specific gravity.....	1.0

KEY PERFORMANCE PROPERTIES

- Easy to apply
- No curing step required
- Excellent adhesion to substrates
- No transfer
- Semi-permanent performance
- Environmental and operator friendly
- Superior flow properties
- No buildup
- Thermal stability
- Chemical stability

Uses

Release coating for the following compounds:

Polyurethanes, fluoroelastomers, EPDM, NR, SBR, Butyl, ECO, CPE, polyacrylates, neoprene, nitrile, TPE.

Excellent for silicone rubber- provides superior flow and release from flash area.

Superior adhesion of coating to metal surfaces.

Release coating for broad range of processes: Injection, transfer and compression.



Methods of Application

MAC 794B can be applied as received or diluted with one to four parts of deionized or distilled water to meet specific production needs. All previously used release coatings and compound residue should be removed by an appropriate method. A clean surface will assure proper adhesion of MAC 794B to the mould surface.

MAC 794B should be applied to the heated mould surface, 100⁰C or higher to allow the coating to dry quickly. To assure complete coverage a second coat is recommended.

SAFETY AND HANDLING

Freezing of the product should be avoided.

The active ingredients in MAC 794B are essentially non-toxic orally, but heating the solid above 500⁰F may result in possible formation of harmful fumes. Smoking should not be permitted while using the product and contamination of tobacco products should be avoided.

A material safety data sheet for MAC 794B, which accompanies initial shipment, should be reviewed prior to using the product.

MAC 794B has a low order of toxicity. However, as with any industrial product, care should be exercised in handling it. If the product contacts eyes, minor irritation may result, but flushing with water will minimize any discomfort.

AVAILABILITY

MAC-794B is supplied in 5 and 20 litre Plastic containers.

The information herein is believed to be reliable, but it the user's responsibility to determine suitability of use; since we cannot know conditions of use, we make no warranties and assume no liability concerning use of the information. Nothing herein should be taken as an inducement to infringe any patent.