CRYSTAL

CRW-5840-PF

DESCRIPTION:

Crystal CRW-5840-PF is a water-based, semi-permanent mold release agent designed for use in the molding of various peroxide cured elastomers such as EPDM, FKM, and silicone. It is especially effective in the molding of elastomeric seals and gaskets and promotes good rubber flow while minimizing transfer and helping to keep molds clean.

Crystal CRW-5840-PF is sold as a ready to use material and does not need to be diluted prior to use.

PACKAGING, HANDLING, AND STORAGE CONDITIONS:

Available in 5 Gal pails, 55 Gal drums and 330 Gal totes.

Containers should be kept closed prior to and during use to avoid external contamination. Store below 100°F and above 32 °F. Keep product from freezing.

Storage in steel, galvanized steel or black iron will degrade the active ingredients of this product. For safety precautions consult MSDS.

PHYSICAL PROPERTIES:

Appearance	Translucent liquid
pH	8.0
Viscosity	Water Thin
Odor	Slight alcohol
Specific Gravity	1.00 g/CM^3
Water Solubility:	Fully Miscible
Shelf Life	12 months

APPLICATION INSTRUCTIONS:

For best results the surface of the mold must be cleaned prior to application of **Crystal CRW-5840-PF**. Typical cleaning methods would be media/dry ice blasting or treatment with alkaline detergent followed by neutralization and rinsing with water.

Base Coat:

For best results, the tool should be above 180°F when applying **Crystal CRW-5840-PF** or at a temperature suitable for rapid evaporation of water. For spray application, utilize an air atomizing spray gun or an airless spray gun which produces a finely atomized spray particle. Apply 4 or 5 light coats, varying the direction of each to ensure total tool coverage and sealing. Allow each pass to dry completely prior to application of the next coat.

Touch-up:

Use the same application equipment used for basecoating. Typically a single pass application of the undiluted material prior to failure of the basecoat proves to be effective.