



DKW-3551B

DESCRIPTION:

DiamondKote DKW-3551B is a water-based semi-permanent mold release agent designed to release a variety of elastomeric materials such as Natural, SBR, NBR, and most sulfur cured elastomers. It is especially useful for rubber to metal bonding operations as it forms a tough, durable release film which reduces transfer and facilitates good rubber flow.

DiamondKote DKW-3551B can also be used in other molding operations utilizing MDI as a bonder or for the molding of elastomeric PUR at molding temperatures above 180°F.

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.

Anti-Vibration

PHYSICAL PROPERTIES

Appearance	Translucent White
pH	4.5
Viscosity	Water Thin
Odor	No odor
Specific Gravity	1.00 g/CM ³
Water Solubility:	Fully Miscible
Shelf Life	9 months

APPLICATION INSTRUCTIONS:

For best results the surface of the mold must be cleaned prior to application of **DiamondKote DKW-3551B**. 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 **DiamondKote** mold release agents. 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 un-diluted material prior to failure of the basecoat proves to be effective.