DKW-3688D

DiamondKote DKW-3688D 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. DiamondKote DKW-3688D is especially useful for the release of rubber outsoles for athletic shoes as it forms a tough, durable release film which reduces transfer and improves adhesion of the molded sole during post molding operations.

PACKAGING, HANDLING, AND STORAGE CONDITIONS

- Available in 18.9 L pails, 205 L drums.
- Containers should be kept closed prior to and during use to avoid external contamination. Store below 37.7°C and above 0°C. 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.

APPLICATION INSTRUCTIONS

- For best results the surface of the mold must be cleaned prior to application of DiamondKote DKW-3688D. 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 82°C 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 base-coating. Typically, a single pass application of the un-diluted material prior to failure of the basecoat proves to be effective.

PROPERTIES

Physical State	Translucent White Liquid
Odor	No Odor
pH	4.0 - 6.0
Specific Gravity	1.00 g/cm^3
Water Solubility	Fully Miscible
Shelf Life	9 months
Viscosity	Water Thin

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Speciality Chemicals & Lubricants Manufacturers