

DiamondKote DKW-3178G3X is a waterbased semi-permanent release agent that is useful for a variety of rubber molding applications.

Provides high mechanical slip of tough-to-remove parts; for sulfur-cured natural/SBR/Nitrile/EPDM/butyl compounds

## APPLICATIONS

- DKW-3178G3X is a product which offers a high degree of mechanical slip while maintaining characteristics of a semipermanent release agent. It is generally used for sulfur cured elastomers and has been especially useful in the release of solid tires, rubbe

## HANDLING

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

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

## DISPOSAL

N/A - Dispose of unused material in accordance with local/regional/state laws based on SDS

## DIRECTIONS

For best results the surface of the mold must be cleaned prior to application of DiamondKote DKW-3178G3X. 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 base-coating. Typically a single pass application of the un-diluted material prior to failure of the basecoat proves to be effective.



## PROPERTIES

Appearance / Physical State	liquid
Odor	No odor
pH Value	7 at 10%
Specific Gravity	1.00 g/CM <sup>3</sup>
Boiling Point / Range	212°F (100°C)
VOC Content	0.01
Viscosity	water thin



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