

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 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, rubber

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 ³
Boiling Point / Range	212°F (100°C)
VOC Content	0.01
Viscosity	water thin



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