



**DiamondKote™**

# DKW-4237

## Water-Based Semi-Permanent Mold Release

### FEATURES

- Stable, non-transferring, and excellent release properties
- Improved cosmetics and fewer defects
- Increased mold life and less frequent mold cleaning required
- Forms a tough, durable release film
- Water-based formula avoids complications found in solvent-based products
- Facilitates good rubber flow
- Does not need to be diluted prior to use

### APPLICATIONS

- Seals
- O-rings
- Gaskets
- EPDM
- FKM

### MATERIALS COMPATIBILITY

- Highest compatibility for Peroxide-Cured compounds
- P-EPDM
- Polyacrylate
- FKM Fluoroelastomers
- SBR
- HNBR
- Silicone Elastomers

### DIRECTIONS

For best results the surface of the mold must be cleaned prior to application of DiamondKote DKW-4237. 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 undiluted material prior to failure of the basecoat proves to be effective.



### PROPERTIES

<b>Appearance / Physical State</b>	liquid
<b>Odor</b>	no odor
<b>pH Value</b>	6.0-9.0 at 10%
<b>Specific Gravity</b>	1.00 g/CM <sup>3</sup>
<b>Boiling Point / Range</b>	212°F (100°C)
<b>VOC Content</b>	0.01
<b>Viscosity</b>	water thin



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800.241.8334 | [www.itwprobrands.com](http://www.itwprobrands.com)

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## HANDLING

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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

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

## DISPOSAL

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



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