



FEATURES

- Stable, low-transfer, with 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
- Promotes good rubber flow
- Does not need to be diluted prior to use
- High-slip for complex molds

APPLICATIONS

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

MATERIALS COMPATIBILITY

- Silicone Elastomers
- Peroxide-Cured Elastomers
- EPDM
- FKM Fluoroelastomers

DIRECTIONS

For best results the surface of the mold must be cleaned prior to application of DiamondKote DKW-4070. 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

Appearance / Physical State	Liquid.
Color	Cloudy
Odor	Sweet
pH Value	8.5
Melting / Freezing Point	N/A
Boiling Point / Range	212°F (100°C)
Flash Point	None to boiling.
Vapor Pressure	17.5 mm Hg @ 20°C
Vapor Density	< 1 (Air=1)
Specific Gravity	1



CONTACT YOUR ITW PRO BRANDS REPRESENTATIVE TODAY!

800.241.8334 | www.itwprobrands.com

LPS®, SCRUBS®, DYKEM®, Accu-Lube®, DYMON®, Spray Nine®, and Cedar® are registered trademarks and Rustlick™, Diamondkote™, and MetalMates™ are trademarks of Illinois Tool Works • All Rights Reserved



DiamondKote™ DKW-4070

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 vessels 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



CONTACT YOUR ITW PRO BRANDS REPRESENTATIVE TODAY!

800.241.8334 | www.itwprobrands.com

LPS®, SCRUBS®, DYKEM®, Accu-Lube®, DYMON®, Spray Nine®, and Cedar® are registered trademarks and Rustlick™, Diamondkote™, and MetalMates™ are trademarks of Illinois Tool Works • All Rights Reserved