



DiamondKote™

DKW-4655BL

Water-Based Semi-Permanent Tire Bladder Lube

FEATURES

- Reduces bladder buckling
- Extends bladder life
- Stable, low-transfer, with excellent release properties
- Improved cosmetics and fewer defects
- Forms a tough, durable release film
- Increased mold life and less frequent mold cleaning required
- Water-based formula avoids complications found in solvent-based products
- Non Hydrogen-generating technology
- No dilution required before use

APPLICATIONS

- Tire Bladder Release
- Tire Bladder Pre-Treatment
- Retread Curing Envelopes
- Belt Molding

MATERIALS COMPATIBILITY

- Sulphur-cured compounds
- SBR
- NBR
- S-EPDM
- Natural Rubber
- Butyl

DIRECTIONS

For best results the surface of the bladder must be cleaned prior to application of DiamondKote DKW4655BL. Dust, oils, etc. should be removed from the bladder to promote the best adhesion of DiamondKote DKW-4655BL to the bladder surface.

Base Coat: For best results DiamondKote DKW-4655BL should be applied to a pre-heated bladder to facilitate rapid drying and cure. Material can be sprayed or wiped liberally onto a bladder. Apply multiple passes to ensure complete coverage and allow to air dry for at least two hours before putting the bladder into service.

DiamondKote DKW-4655BL can be applied to an ambient temperature bladder as well although the material needs to cure for at least 24 hours prior to being put into service.

Touch-up: DiamondKote DKW-4655BL can be re-applied to an in-service bladder to facilitate improved performance of the bladder. In this application, the coating will cure and be ready for use in 60 seconds.



PROPERTIES

Appearance / Physical State	Liquid.
Odor	None
pH Value	5.8 - 7.8
Boiling Point / Range	212 °F (100 °C)
Flash Point	Not combustible.
Specific Gravity	0.98
Water Solubility	Fully miscible.
Viscosity	5000 cP



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800.241.8334 | www.itwprobrands.com

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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



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