



DiamondKote™

DKW-3551B

Release Agent

FEATURES

- Forms a tough, durable release film
- Reduces transfer
- Facilitates good rubber flow
- Can be used in other molding operations utilizing MDI as a bonder
- Can be used for the molding of elastomeric PUR at molding temperatures above 180o F
- No dilution required before use

APPLICATIONS

- Rubber to metal bonding operations
- Anti-vibration parts (bushings, motor mounts, etc.)
- NVH (noise, vibration, harshness) applications

MATERIALS COMPATIBILITY

- Sulfur-Cured Elastomers
- Natural Rubber
- SBR
- Nitrile
- EPDM
- Butyl Compounds

DIRECTIONS

For best results the surface of the mold must be cleaned prior to application of DiamondKote DKW-3551B. 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.

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
Odor	No odor
pH Value	4.5 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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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 SDS.

DISPOSAL

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



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