



DKW-3551B Release Agent

DiamondKote DKW-3551B is a water-based semi-permanent mold release agent designed to release a variety of elastomeric materials such as Natural, SBR, NBR, and most sulfur cured elastomers.

MOST VERSATILE formulation for sulfur-cured rubber compounds including natural, SBR, EPDM, nitrile, and butyl, little transfer for rubber to metal bonded parts

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

APPLICATIONS

- Rubber to metal bonding operations

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.

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.

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.



PROPERTIES

Physical State	liquid
Odor	No odor
pH at 10%	4.5
Specific Gravity	1.00 g/CM ³
Boiling Point	212°F (100°C)
VOC Content	0.01
Viscosity	water thin



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800.241.8334 | www.itwprobrands.com

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Release Agent

STORAGE

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

DISPOSAL INFORMATION

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

AVAILABLE PRODUCTS

Part No.	Net Contents	Container Type	Units/Case
DKW-3551B-02	5 gal	pail	1
DKW-3551B-03	55 gal	drum	1
DKW-3551B-06	303 gal	tote	1



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