

DiamondKote DKW-71E is a water based mold release agent designed for chlorobutyl and bromobutyl elastomers commonly molded in the pharmaceutical industry.

Excellent release for all halo butyl compounds for the pharmaceutical industry

FEATURES

- Forms a tough, durable release film
- Reduces transfer
- Facilitates good rubber flow
- Can be sprayed on or simply wiped on using a pure cotton cloth

APPLICATIONS

- Hot metallic mold surfaces

DIRECTIONS

For best results the surface of the mold must be cleaned prior to application. Typical cleaning methods are 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, use 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. Let the final coat cure for 5-10 minutes.

TOUCH-UP: Use the same application equipment used for base coating. Typically a single pass application of the un-diluted material prior to failure of the basecoat proves to be effective.

HANDLING

Avoid prolonged exposure. Observe good industrial hygiene practices.



PROPERTIES

Appearance / Physical State	liquid
Odor	no odor
pH Value	3.9-4.9 at 10%
Specific Gravity	1.00 g/CM ³
Boiling Point / Range	212°F (100°C)
VOC Content	0.01
Viscosity	water thin

STORAGE

Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

DISPOSAL

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose in accordance with all applicable regulations. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.



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