

BENEFITS

- Water-based, non-flammable, environmentally friendly formulation
- Excellent antiblock
- Excellent release ease
- Reduced build-up on tooling
- Improved part cosmetics

DiamondKote AQW-123

DiamondKote AQW-123 is a waterbased, environmentally compatible, solvent free mold release agent designed for application to ambient and hot polymeric and metallic mold surfaces. It is primarily utilized as a releasant for elastomeric hosing and other products produced around a mandrel. DiamondKote AQW-123 is suitable for many elastomeric compounds.

Application Instructions

Clean the mold surface with bead blast media, high pH detergent, solvent (and/or other means) to remove all traces of blast media, detergent, solvent, previous release agent or polymer remnants.

Physical Properties

APPEARANCE: Viscous, White emulsion
 pH: 10.0
 VISCOSITY: 12,000 CPS
 SPECIFIC GRAVITY: 0.99 grams/cm³
 WATER SOLUBILITY: Soluble
 SHELF LIFE: 1 year

BASE COAT:

For best results, the mandrel should be free of any remnants of previous mold release, polymer remnant, cleaning agent or cleaning media. Apply 3 to 4 basecoats via spray, drip/drag or by wiping on the tool with a clean cotton cloth. Allow the basecoat to dry prior to application of the next. This can be accelerated by the use of an air knife or other source of compressed or heated air.

TOUCH-UP:

Use the same application equipment used for base coating. Typically, a single pass application prior to failure of the base coat proves to be effective.

Packaging, Handling and Storage

Available in 5 gallon pails, 55 gallon drums and 330 gallon totes.

Containers should be kept close prior and during use. Store below 120°F and above 32°F. Keep product from freezing.

Exposure to steel, galvanized steel or black iron will degrade the active ingredients of this product. For safety precautions consult MSDS.

WARRANTY AND EXCLUSIONS: Franklynn Industries, Inc. does not warrant the workmanship with which its products are applied by others and limits its liability to a refund of the purchase price or the replacement of any products found to be defective. Franklynn Industries, Inc. is also not liable for any incidental or consequential damages. The warranty described in this paragraph shall be in lieu of any other warranty, express or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose.



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