



Technical Data Sheet

50 Cambridge Drive, Monroe CT 06468 USA
+1 203.590.2000 | +1 800.332.AXEL
www.axelplastics.com

MoldWiz® WB-4808 Mold Release

Product Description:

A water based medium-slip, durable, semi-permanent release agent for rotational molding. Provides multiple releases at both ambient and elevated temperatures.

Use:

Especially used as a mold release agent for polyethylene resin rotational molded parts. Can also be used for parting lines, cores, pins, threads, and inserts.

Composition:

Aqueous emulsion of proprietary resins and cross-linkers with various surfactants.

Handling:

Keep this water-based product from freezing and store below 100°F / 39°C.

Mix/agitate well before using.

Instructions for Use:

Mold Preparation: For best performance, mold surfaces should be clean and free of previously used mold releases and other surface contaminants. Use CX-500 for surface cleaning. However, it is not necessary to strip the surfaces to be treated prior to using WB-4808.

Application: Apply with a clean, paper towel, such as the Scott Shop Towels-On-A-Roll™ or a heavy-duty plain white paper towel or cotton cloth.

Saturate the towel with release until it is wet but not dripping. Wipe onto mold surface using smooth even strokes. A circular motion is suggested until an even coating is applied free of standing droplets. Excess drips, runs, or puddles should be wiped evenly into the mold surface. When working on a large surface area, apply to one section at a time, working from one end of the tool surface to the other. 2 coats of release are recommended for a clean well-conditioned tool. New tools should be handled with special care and would need 3-4 coats.

Allow 5 minutes for each coat of release to dry and cure before applying the next coat. Low ambient temperatures (below 68°F / 20°C) may necessitate longer cure times. Always use a fresh, clean towel for each coat of release. For longest lasting results, please allow at least 30 minutes cure time after the final coat is applied.

The mold release may also be sprayed on to an ambient mold. If spraying, any drips, runs, or overspray should be wiped to ensure an even coating. Do not spray or mist on to hot molds unless quality spray equipment with proper atomization is used, type HVLP.

Removal: Use CX-200XM, followed by a water wipe and a good cleaner, such as AXEL's CX-500.

Using an abrasive pad such as a 3M Scotch-Brite pad will improve the cleaning performance of both CX-200XM and CX-500.

Review SDS before use.

FEATURES:

Non-flammable	Water-based
Low HAPs	Low VOCs
Medium slip	No dry bake required

TYPICAL PROPERTIES:

COLOR:	White - Off-white
SPECIFIC GRAVITY:	0.980 - 1.010 @ 25°C / 77°F
pH:	4.50 - 6.50
VISCOSITY:	<15 cP @ 25°C / 77°F
FLASH POINT:	Non-flammable
SHELF LIFE:	One year from date of manufacture in unopened/original container