

# MR-97 Mold Release

Applying **MR-97** Mold Release to your ceramic or stainless steel molds is quick and easy.

## Follow these simple steps:

1. Remove all the old primer from a previously used mold with a stiff nylon kitchen or tooth brush.
2. Shake the container thoroughly EACH TIME you spray to make sure that the contents are completely mixed. Shake until the metal mixing balls are audible for about a minute.
3. The first time **MR-97** is used on a mold, you must apply TWO light coats. Hold the can 8 to 10 inches from the surface and spray for one to two seconds in a sweeping pattern across all the mold cavities. The entire surface must be thinly but completely covered. **DO NOT SATURATE THE SURFACE!**
4. Set the mold aside for about five minutes so it can dry completely. Once dry, apply the second light coat in the same manner. Let the mold dry for fifteen minutes.
5. Fill the mold, taking care to avoid scratching the surface of the **MR-97**. Powder or fine mesh frit is preferable as larger frit can scratch the surface and create a potential sticking problem.
6. For all future castings, gently clean the mold with a brush to remove any fine residue from the previous use. The cleaned surface will appear shiny. Then apply only ONE light coat of **MR-97**. The surface should now look matte. Touch up any shiny spots with a little more spray.
7. Wash any residual Boron Nitride from your glass casting using warm water and dish washing liquid or a mild abrasive like Soft Scrub®. Rinse thoroughly and dry. Residual Boron Nitride on your casting will prevent your components from tack fusing properly in your next firing. This procedure applies to your stainless steel as well as ceramic molds. It is not necessary to pre-heat your stainless molds before applying **MR-97**.

## Remember:

- Shake the can thoroughly EACH TIME you apply **MR-97**, and **DON'T SATURATE** the mold!
- **Be** careful not to scratch the surface of the **MR-97** with a tool or the sharp edges of coarse frit when filling your mold and loading your kiln.
- Once you use **MR-97** on your mold you can't go back to traditional primers. Boron Nitride (BN) seals the surface of the mold and the primer won't be absorbed evenly.

Follow the suggestions on our Safety Precautions, with particular regard to how and where you should spray your mold.

## Safety Precautions

The propellants used in our aerosol cans are compressed flammable gasses, details of which are covered in our Material Safety Data Sheet. Do not spray near sparks, heat or open flame.

**CONTENTS UNDER PRESSURE.** Avoid prolonged exposure to sunlight or heat from radiators, stoves, hot water and other heat sources that may cause bursting. Do not puncture, burn, or incinerate. Store product below 120F.

**USE WITH ADEQUATE VENTILATION.** Keep area ventilated during use and until all vapors are gone. Avoid continuous breathing of vapor and spray mist.



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**DO NOT SMOKE WHILE USING THIS PRODUCT.** Extinguish all flames, pilot lights and heaters. Turn off stoves, electric tools and any other sources of ignition.

**AVOID CONTACT WITH EYES AND PROLONGED CONTACT WITH SKIN**

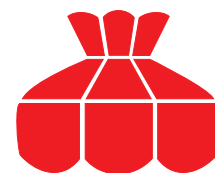
**FIRST AID:**

- **EYE CONTACT:** Flush eyes thoroughly with water for 15 minutes. If irritation persists, seek medical attention.
- **SKIN CONTACT:** Wash thoroughly with mild soap and water.
- **RESPIRATORY DIFFICULTY:** Remove from exposure & provide fresh air.

We recommend that Safety Glasses, Particulate Mask and Nitrile gloves be used when spraying.

***KEEP OUT OF REACH OF CHILDREN***

Information provided by ZYP COATINGS, INC, COHO Sales, LLC.



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