



HYPER-FOLIC[®]

Hair-Release Additive for Body Double[®]

HYPER-FOLIC[®] Release Additive is a non-toxic, skin conditioning liquid that is mixed with Body Double[®] silicone mold rubber prior to applying rubber to the skin. HYPER-FOLIC[®] will not only aid in releasing cured rubber from the skin but will also release cured rubber from hair-covered skin surfaces (closely cropped beards, moustaches, eye-brows, pubic hair, etc.)

Usage Option #1 – Mix HYPER-FOLIC[®] with Body Double[®] rubber components (100A + 100B + 40 Parts HYPER-FOLIC[®]) and apply.

Results – Body Double[®] mold rubber will completely penetrate facial or body hair and capture detail from underlying skin. Hair detail will mostly *not* be reflected in the finished mold or reproduced during casting. This technique is often used for prosthetic make-up applications.

Usage Option #2 – Apply Body Double[®] Release Cream to the skin and facial or body hair. Mix HYPER-FOLIC[®] at a reduced amount with Body Double[®] rubber components (100A + 100B + 20 Parts HYPER-FOLIC[®]) and apply.

Results – Body Double[®] mold rubber will partially penetrate hair and hair detail will be reflected in the finished mold or reproduced during casting.

Doing a Full-Head Lifecasting? We recommend that the subject wear a non-latex bald cap.

Advantages:

- Body Double[®] with HYPER-FOLIC[®] will still bond to itself.
- Little or no release cream residue in the cured rubber means your mold is immediately ready for casting.
- Used as directed, HYPER-FOLIC[®] has minimal affect on the tear strength of Body Double[®], allowing for an extremely strong mold.
- HYPER-FOLIC[®] does not affect the skin safety rating of Body Double[®]

How Does HYPER-FOLIC[®] additive affect Body Double mold rubber?

- It will lengthen the pot life and cure time of Body Double[®] silicone.
- It will slightly reduce the tear strength of cured Body Double[®] silicone.
- Cured Body Double[®] rubber may shrink slightly over time vs. Body Double[®] without the additive.

Preparation:

- **Gram Scale Necessary** – For best results, always measure HYPER-FOLIC[®] by **weight**.
- Make sure the surface of the skin is clean and dry. Do not use cleansers containing aloe vera on the skin before applying Body Double[®] with HYPER-FOLIC[®], as inhibition may result.
- Although HYPER-FOLIC[®] will reduce the risk of body hair encapsulation, it is recommended that the hair be trimmed as short as possible.

(see reverse side for more information...)

Usage Example:

100 grams of Body Double® FAST SET part A and 100 grams of Body Double® FAST SET part B are weighed into separate containers using a gram scale. 40 grams of HYPER-FOLIC® is added to Body Double® part B and thoroughly mixed. Body Double® part A is combined with the Body Double® part B / HYPER-FOLIC® in a larger mixing container and is mixed thoroughly. This mixture is then applied to the skin surface directly.

Usage Tips:

- **Option; Use Body Double® mixed with HYPER-FOLIC® on the initial layer (detail coat) only. Cover all hair follicles with this layer.** Subsequent layers can be applied using Body Double® with no additive. This will result in a very strong mold which has excellent release from skin surfaces, even where hair is present.
- **If casting another platinum silicone (such as Dragon Skin® or Ecoflex®),** apply Ease Release® 200 to the mold surface prior to casting to prevent adhesion.
- **Doing a Full-Head Lifecasting?** We recommend that the subject wear a non-latex bald cap.

Casting Into The Finished Mold – You can cast a variety of materials into the finished mold without a release agent including wax, plaster, concrete, resins, etc. Using a release agent (such as Ease Release 200) for production casting of resins will extend the production life of the mold.

The Material Safety Data Sheet (MSDS) for this or any Smooth-On product should be read prior to use and is available upon request from Smooth-On. All Smooth-On products are safe to use if directions are read and followed carefully. Wear safety glasses, long sleeves and rubber gloves to minimize contamination risk.

Because no two applications are quite the same, a small test application to determine suitability for your project is recommended if performance of this material is in question.

Important: The information contained in this bulletin is considered accurate. However, no warranty is expressed or implied regarding the accuracy of the data, the results to be obtained from the use thereof, or that any such use will not infringe upon a patent. User shall determine the suitability of the product for the intended application and assume all risk and liability whatsoever in connection therewith.

Visit www.smooth-on.com to see more cool material things than you can possibly imagine.

Toll-free: (800) 762-0744

Web: www.smooth-on.com 1030+08