HYPERFOLIC®

Hair-Release Additive for Body Double®

www.smooth-on.com

PRODUCT OVERVIEW

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.)

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® silicone

PROCESSING RECOMMENDATIONS

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.

USAGE EXAMPLE...

50 grams of Body Double® FAST SET part A and 50 grams of Body Double® FAST SET part B are weighed into separate containers using a gram scale. 20 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 OPTIONS...

Usage Option #1 - Mix HYPER-FOLIC® with Body Double® rubber components at a 100A + 100B + 40 Parts HYPER-FOLIC® ratio by weight (20% HYPERFOLIC added to the silicone by weight) 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 liberally to the skin and facial or body hair.
Mix HYPER-FOLIC® at a reduced amount with Body Double® rubber components at a 100A + 100B + 20 Parts HYPER-FOLIC® ratio by weight (10% HYPERFOLIC added to the silicone by weight) 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.

Safety First!

The material safety data sheet (MSDS) for this or any Smooth-On product should be read before using and is available on request. All Smooth-On products are safe to use if directions are read and followed carefully.

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.

USAGE TIPS, EFFECT ON BODY DOUBLE® & CASTING INTO THE FINISHED MOLD...

USAGE TIPS

- Optional - Use Body Double® mixed with HYPER-FOLIC® on all skin surfaces. Ensure that all hair is covered by this layer. If hair remains exposed after applying this layer, apply more Body Double® mixed with HYPER-FOLIC until hair is no longer visible. Apply at least one more layer of rubber 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.
- Doing a Full-Head Lifecasting? We recommend that the subject wear a non-latex bald cap.
- 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.

EFFECT ON BODY DOUBLE®

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

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

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.

Call Us Anytime With Questions About Your Application.

Toll-free: **(800) 762-0744** Fax: **(610) 252-6200**

The new **www.smooth-on.com** is loaded with information about moldmaking, casting and more.