

# BETAWIPE™ 4000

## Surface Activators

BETAWIPE™ 4000 is a transparent ethylacetate based adhesion promoting activator for PUR-RIM and BETASEAL™ HV3 PAAS extrusion lips, with short open time.

All DuPont products are primarily developed in co-operation with the automobile manufacturers, according to their needs and their specifications, they are approved for the specific applications as defined by the customer. The use of the product other than approved application must be released in written form by the Technical Service of DuPont.

Unless specified otherwise test are conducted at 23°C/50% relative humidity.

### Product information

Colour	Yellow <sup>[1]</sup>	
Basis	Polyisocyanates	
Pigments	none	
Density	0.9 - 0.95 g/cm <sup>3</sup>	ISO 845
Solid content	9 - 9.8 %	

[1]: Yellowish Brown

### Rheological properties

Cup Viscosity	41 - 42 s
Cup Type	DIN-cup, 2mm

### Application technique

Open time	0.05 - 4 <sup>[2]</sup> h
Processing temperature	10 - 40 °C

[2]: 3 minutes to 4 hours, with felt application.

### Storage and stability

Shelf life	6 <sup>[3]</sup> months
------------	-------------------------

[3]: Shelf life is assured at +5°C to +25°C in unopened containers. Short term storage temperatures: 0°C to +40°C. Minimum shelf life upon dispatch from DuPont production location.

### Additional information

How to use

### Processing instructions

Caution: The product is extremely sensitive to humidity. It is imperative that container should be closed immediately after use, in order to extend durability of the remaining activator contents.

### Shelf life after opening

Contents should be used within 2 days after opening container.



# BETAWIPE™ 4000

## Surface Activators

### Processing equipment

Activator applicator, activator application device (flask with activator applicator head and felt) or automatic activator application system.

### Surface preparation

All bonding surfaces must be free of dirt, dust, water, oil, grease, release agent and similar contaminants. In general surfaces should be primed. Verify compatibility before use or consult our technical service department.

### Reactivation

One time reactivation possible from > 4 hours - 12 weeks with BETAWIPE™ 4000 maximum open time 15 minutes.

### Cleaning

Clean equipment with BETACLEAN™ 3000.

### Safety instruction

The handling of adhesion promoters (activators) is generally harmless and as long as the basic rules for safe handling of chemicals are applied. However, the direct contact of activators with food and food containers shall be avoided. Likewise, basic protective measures are necessary in order to prevent any skin contact and as well as to avoid solvent inhalation. Proper ventilation should apply when using activators with high volatile content. If any activator is applied with spraying technique, care should apply in relation to respiration and personal protection in order to prevent aerosol inhalation. Suitable solvent resistant rubber gloves, conventional eye protection as well as appropriate type of respirator mask are essential. In case of direct contact with any activators the skin must be rinsed first with warm water and then cleaned thoroughly with conventional soap. Solvents shall be avoided. For detailed protective measures refer to the material safety data sheets.

## DuPont

The information set forth herein is furnished free of charge, is based on technical data that DuPont believes to be reliable, and represents typical values that fall within the normal range of properties. This information relates only to the specific material designated and may not be valid for such material used in combination with other materials or in other processes. It is intended for use by persons having technical skill, at their own discretion and risk. This information should not be used to establish specification limits nor used alone as the basis of design. Handling precaution information is given with the understanding that those using it will satisfy themselves that their particular conditions of use present no health or safety hazards and comply with applicable law. Since conditions of product use and disposal are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information. As with any product, evaluation under end-use conditions prior to specification is essential. Nothing herein is to be taken as a license to operate or a recommendation to infringe on patents.

CAUTION: Do not use DuPont materials in medical applications involving implantation in the human body or contact with internal body fluids or tissues unless the material has been provided from DuPont under a written contract or other acknowledgement that is consistent with the DuPont policy regarding medical applications and expressly acknowledges the contemplated use. For further information, please contact your DuPont representative.

DuPont's sole warranty is that our products will meet our standard sales specifications in effect at the time of shipment. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted. TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, DUPONT SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, MERCHANTABILITY, OR NON-INFRINGEMENT. DUPONT DISCLAIMS LIABILITY FOR ANY SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES.