



# BETASEAL™ 43520A

## Glass Bonding Systems

BETASEAL™ 43520A is second step of 2-step Adhesion promoting primer for laminated or tempered automotive glass, to be used in combination with BETASEAL™ Urethane adhesives. Used in combination with clear first step primer, such as BETASEAL™ 43518.

BETASEAL™ 43520A is second step or 2-step primer to be used in combination with silane wipe pretreatment. Excellent adhesion to wide number of glass frits.

### Product information

Colour	Black
Basis	Silane
Pigments	Carbon black
Solid content	≥41.6 %

### Rheological properties

Cup Viscosity	12 - 17 s
Cup Type	Ford #4

### Application technique

Open time	0.006 - 110 <sup>[1]</sup> h
Processing temperature	50 - 95 °F
[1]: Robotic, felt applicator	

### Other properties

Density	8.27 lb/gal	ISO 1183
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### Storage and stability

Shelf life	180 <sup>[2]</sup> days
[2]: At +10°C/50°F - +35°C/95°F in unopened containers	

### Characteristics

Compatibility	Glass
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### Additional information

How to use

#### Processing Instructions:

BETASEAL™ 43520A can be applied robotically or manually with plastic squeeze containers equipped with appropriate applicator tips. Can also be applied with paintbrush or wool dauber.

Agitate BETASEAL™ 43520A on paint shaker for recommended 10 minutes prior to use.

#### Caution:



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BETASEAL™ 43520A is extremely sensitive to humidity. It is imperative that container should be closed immediately after use, in order to extend durability of the remaining primer contents.

### Shelf Life:

Once opened, BETASEAL™ 43520A in the original shipping containers (118ml or 1.0 quart) must be used within 24 hours, unless the bottle is purged with Nitrogen. If purged, shelf life can be extended to 7 days after initial opening. Use original cap and plug to re-seal the original shipping container after every opening.

### Processing Equipment:

BETASEAL™ 43520A can be applied by primer applicator, primer application device (flask with primer applicator head and felt) or automatic primer application system.

### Bonding Surface Prep:

Prior to using BETASEAL™ 43520A, ensure all bonding surfaces must be free of impurities (dirt, dust, water, oil, grease, release agent and similar contaminants). Verify compatibility before use, or consult our Technical Service for more information.

### Reactivation:

A maximum of one (1) re-prime operation of BETASEAL™ 43520A is recommended with a maximum open time of 110 hours.

### Cleaning:

If BETASEAL™ 43520A drips onto the viewable surface, scrape the visible primer with a razor blade (if dry) and wipe the area with IPA until all traces of the primer are gone.

### Safety Instruction:

The use of BETASEAL™ 43520A is generally harmless and as long as the basic rules for safe handling of chemicals are applied. However, the direct contact of uncured primer to food and food containers shall be avoided. Mandatory are protective measures in order to prevent direct skin contact as well as to avoid solvent inhalation. Proper ventilation should apply when using primers with high volatile content. If any primer is applied in the means of spraying technique, special 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 primers 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.



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### Information:

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 have to be released in written form by the Technical Service of DuPont Automotive.

### DuPont

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