



# BETASEAL™ 43538

## Glass Bonding Systems

BETASEAL™ 43538 is a 1-step adhesion promoting primer for automotive topcoats and assorted plastic substrates for use in direct glazing applications. To be used in combination with BETASEAL™ Urethane adhesives.

BETASEAL™ 43538 is suitable for use to promote adhesion between polyurethane adhesive and vehicle body

### Product information

Colour	Black
Basis	Polyisocyanates
Pigments	Carbon black
Solid content	≥47 %

### Rheological properties

Cup Viscosity	23 - 50 s
Cup Type	Ford #4

### Application technique

Open time	0.5 - 110 <sup>[1]</sup> h
Processing temperature	50 - 95 °F

[1]: Manual felt applicator

### Other properties

Density	9.02 lb/gal	ISO 1183
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### Storage and stability

Shelf life	9 <sup>[2]</sup> months
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[2]: At +10°C/50°F - +35°C/95°F in unopened containers

### Characteristics

Compatibility	Paint
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### Additional information

How to use

#### Processing Instructions:

BETASEAL™ 43538 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™ 43538 on paint shaker for recommended 10 minutes prior to use.

#### Caution:

BETASEAL™ 43538 is extremely sensitive to humidity. It is imperative that container should be closed immediately after use, in order to extend durability



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of the remaining primer contents.

### Shelf Life:

Once opened, BETASEAL™ 43538 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™ 43538 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 applying BETASEAL™ 43538, 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™ 43538 is recommended with a maximum open time of 110 hours.

### Cleaning:

If BETASEAL™ 43538 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™ 43538 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.

### Information:



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