

CHANNEL BOND POLYCARBONATE BONDING AGENT™

Proprietary product. Use with our #49 Hypo Glue Applicator™.

Specifications

SKU Quart 86945
Gallon 86947

Working time 1-2 minutes

Fixture time 5-15 minutes

80% Strength 4 hours

Applicator# #49

Shelf life unopened 2-12 months

Shelf life opened (with top) 2-20 weeks*

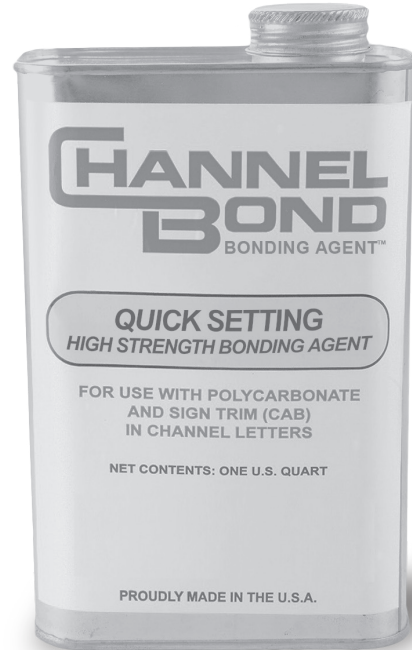
UL file E516868

For use with polycarbonate and sign trim (CAB) in channel letters

High strength

Quick setting

* Avoid storing at high room temperatures. Not all components in this bonding agent evaporate at the same rate – if the product will not squirt out of the #49 applicator, it is not good anymore; do not use it. It is recommended to run a test batch if there are any doubts about its storage and condition.



One-part system

How to apply on the following materials

Sign trim (cellulose acetate butyrate) to polycarbonate:

1. Fix sign trim around polycarbonate per your normal retention fixture method. Apply a uniform bead between the sign trim and polycarbonate by flexing the sign trim to allow **Channel Bond** to flow down in between materials. Bond should be strong after 10-15 minutes.
2. Apply a second uniform bead around the edge between the sign trim and polycarbonate material.
3. After 5-15 minutes, remove material from the retention fixture and add a third thin uniform bead around the front between the sign trim arrow profile and polycarbonate face (provided that there is no vinyl applied on the first surface).

Sign time (cellulose acetate butyrate) to acrylic:

1. Fix sign trim around acrylic per your normal retention fixture method. Apply a uniform bead of **Resin Bond** between the sign trim and acrylic.
2. Apply a second uniform bead with **Channel Bond** around the edge between the sign trim and acrylic material. After 5-15 minutes, remove material from the retention fixture.
3. Add a third thin uniform bead around the front between the sign trim narrow profile and the acrylic face when the material (width) exceeds 3 feet.

Polycarbonate to polycarbonate:

Apply a uniform bead to the bonding area. Hold parts together securely while bonding agent sets up. Bond should be strong after 15-60 minutes depending on the shape and size (area) to be bonded. Maximum strength after four hours.

Acrylic to polycarbonate:

Apply a uniform bead to the bonding area. Hold parts together securely while bonding agent sets up. Bond should be strong after 15-60 minutes depending on the shape and size (area) to be bonded.

For modified acrylic (DR) to polycarbonate, see "**Acrylic to polycarbonate**".

For modified acrylic (DR) to acrylic, see "**Acrylic to polycarbonate**".

Bonds polycarbonate to polycarbonate, acrylic to polycarbonate, sign trim (CAB) to polycarbonate, modified acrylic (DR) to polycarbonate, and modified acrylic (DR) to acrylic.

Only ships via pallet/LTL.
Use #49 Hypo Glue Applicator with
Channel Bond Polycarbonate Bonding Agent.

Application instructions for Channel Bond Polycarbonate Bonding Agent

Before use:

1. **Channel Bond** is a one-part bonding system. Use a #49 Hypo Glue Applicator (pink tip) bottle to apply.
2. Store in the original container when not in use. Keep lid tight. Store where the temperature is between 32° F to 80° F.
3. Read the health and safety information on the container before using.
4. Be sure surfaces to be bonded are clean and smooth.
4. The shelf life of this product when stored properly is 2-12 months.
5. Try a small test on extra/scrap material before going into production.



Scan this QR code to see how to properly use our **Channel Bond Polycarbonate Bonding Agent** to bond polycarbonate to sign trim.

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Specifications subject to change without notice.

