

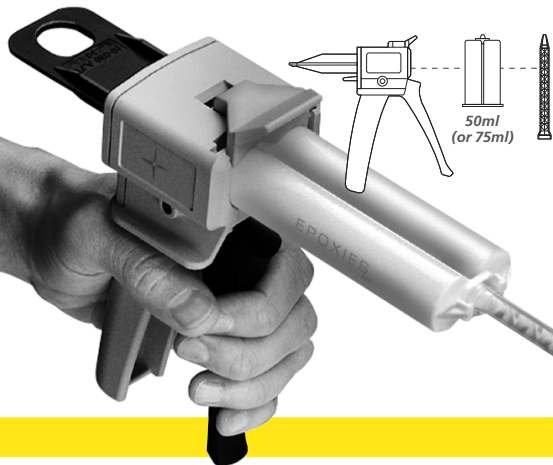
TRIGGERBOND®

by EPOXIES ETC.

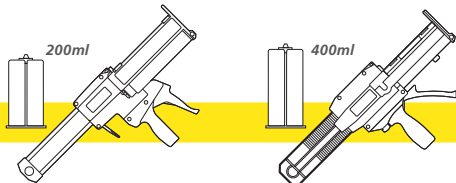
DISPENSING CARTRIDGES

The use of **TriggerBond** cartridges is a convenient, cost-effective way to dispense two-component epoxies, urethanes and silicones for bonding, sealing or small potting applications. It eliminates the need for measuring or hand mixing while maintaining a consistent mix ratio. It also allows the user to apply a virtually air-free mixture directly into a cavity or onto a substrate. Employee safety is improved because the user has less contact with the individual components.

Dispensing a product from a TriggerBond cartridge is easy. Since the cartridge and mixing elements are disposable, clean up is efficient and there is less chance of splashing or dripping caused by pouring. Waste is reduced or eliminated altogether because any cartridges that are only partially used can be sealed and used at a later time.



► The **TriggerBond** dispensing system includes **50ml**, **75ml**, **200ml** and **400ml** cartridges and corresponding dispensing guns along with several different static mixers to fit nearly any application.



Steps to follow in order to achieve the best results by dispensing from a TriggerBond cartridge.

1. **Selection of the correct mixing element is essential.**
Epoxies, Etc. recommends a specific mixer for every product packaged in TriggerBond cartridges.
2. **Use the correct dispensing gun.**
Choose from either manual or pneumatic (battery powered may also be available).
3. **Make sure the gun is set up to dispense in the correct ratio.**
(1:1, 2:1, 4:1 or 10:1)
4. **Inspect the cartridge.**
Check the pistons and make sure they are at an even height. There should not be any visible evidence of air pockets along the cartridge walls.
5. **Insert cartridge into the gun.**
2:1, 4:1 and 10:1 ratio cartridges must be oriented according to the plungers on the gun.
6. **Remove protective cap and/or plugs from tip of cartridge.**
7. **Attach recommended static mixer.**
On 50ml and 75ml models, this usually is a luer style that requires only a twist. On 200ml and 400ml models, there is usually a locking nut that slips over the mixer and secures it to the cartridge.
8. **Dispense a small amount through the mixer and discard.**
The first "shot" of material very often does not mix well, especially with lower viscosity products.
9. **Dispense product according to requirements for the application.**
(i.e., dots, bead, potting, etc.) It is usually recommended to hold the cartridge horizontally with a slight downward angle.
10. **If using fast-curing mixtures, take note of the time between applications.**
A five-minute epoxy (for example our 10-3005 formula) can begin gelling in the static mixer after just a few minutes. If there are long pauses between applications, the mixer should be removed and replaced.

CLEAN • EFFICIENT • ACCURATE • RELIABLE



EPOXIES.com

21 Starline Way
Cranston, RI 02921 USA

t 401.946.5564

f 401.946.5526