

### **Cyanoacrylate Adhesive (Application Tip)**

Loctite 454 (Item Number: **0008670**) is an instant adhesive gel for use with ALZET<sup>®</sup> Brain Infusion Kits and other brain infusion cannulae. It offers a convenient alternative to cranioplastic dental cements.

The following tips will ensure that you take full advantage of the excellent benefits this adhesive has to offer:

- Apply a thin layer of adhesive to the underside of the cannula pedestal, so that it coats the pedestal, but not so much that it forms a drop. Too much adhesive can prolong the drying process and or result in a weak bond.
- Do not cover the cannula with cyanoacrylate adhesive as you would with dental cement.
- When lowering the cannula into place, ensure the skull is completely dry to create a proper drying surface.
- Cyanoacrylate adhesive is biodegradable and some researchers have noted that the bond will weaken beyond 4 weeks.
- To remove cyanoacrylate adhesive, the following product from Henkel Loctite Corporation can be used:

<b>Product Description</b>	<b>Catalog Number</b>
XNMS Solvent (1.75 oz bottle)	76820

Click here: <http://www.alzet.com/products/loctite.php> to learn more about Loctite 454 or to see supporting documents (e.g., MSDS, published studies, etc.).