

Technical Data Sheet EF[®] Accelerator 82

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Product Description

Hernon[®] EF[®] Accelerator 82 is a single component non CFC solvent base product, formulated to provide a faster cure of Hernon cyanoacrylates on acidic surfaces and in environments of low humidity. It can also be used to cure excess **Instantbond[™]** adhesive outside the bond line.

Typical Applications

EF[®] Accelerator 82 is used to increase the cure speed of **Hernon[®] Instantbond[™]** adhesives. It is especially suited for post application on exposed Instantbond Adhesive outside of the bond line. Loudspeaker assembly and bonding jewelry are two examples.

Product Benefits

- Prevents frosting (blooming)
- Improves the gap filling capability of **Instantbond[™]** adhesives.
- Reduces fixture time.
- On part time of 24 hours allows for off line pre-treatment of parts with accelerator.
- Has zero ozone depletion potential.

Typical Properties (Uncured)

Property	Value
Base	Ethyl acetate
Appearance	Clear liquid
Viscosity @ 25°C, cP	1
Specific gravity	0.89
On part life, hours	24
Flash point	See MSDS

Typical Performance

Fixture time and cure speed of **Instantbond[™]** adhesives when using **EF[®] Accelerator 82** depend on the substrates bonded and adhesive used.

Handling Precautions

This is a highly flammable material. When dispensing this material from a pressurized system, only nitrogen or argon should be used. Please check local, state and federal regulations regarding the use of flammable liquids in the workplace. For example, special care must be taken to avoid contact of the activator or its vapor with naked flame or any electrical equipment that is not flame proofed.

General Information

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected with a sealant for chlorine or other strong oxidizing materials.

For safe handling information on this product, consult the Material Safety Data Sheet (MSDS).

Directions for Use

- Apply **Instantbond[™]** adhesive to one of the surfaces to be bonded and assemble parts.
- Apply **EF[®] Accelerator 82** over all exposed **Instantbond[™]** adhesive by spray or by drop. (Use one drop of activator per one drop of exposed adhesive)

Storage

EF[®] Accelerator 82 is classified as **HIGHLY FLAMMABLE** and must be stored in an appropriate manner in compliance with relevant regulations. Do not store near oxidizing agents or combustible materials. Store product in the unopened container in a dry location. Store in a cool, dry location in unopened containers at a temperature between 46°F to 82°F (8°C to 28°C) unless otherwise labeled. Optimal storage is at the lower half of this temperature range. To prevent contamination of unused material, do not return any material to its original container.

Dispensing Equipment

Hernon[®] offers a complete line of semi and fully automated dispensing equipment. Contact **Hernon[®] Sales** for additional information.

These suggestions and data are based on information we believe to be reliable and accurate, but no guarantee of their accuracy is made. **HERNON MANUFACTURING[®], INC.** shall not be liable for any damage, loss or injury, direct or consequential arising out of the use or the inability to use the product. In every case, we urge and recommend that purchasers, before using any product in full scale production, make their own tests to determine whether the product is of satisfactory quality and suitability for their operations, and the user assumes all risk and liability whatsoever, in connection therewith. **Hernon's** Quality Management System for the design and manufacture of high performance adhesives and sealants is registered to the ISO9001:2000 Quality Standard.