

ANAEROBIC ACTIVATOR

TECHNICAL DATA SHEET

JULY 2021



PRODUCT DESCRIPTION

Bostik Born2Bond™ Anaerobic Activator is a solvent-based product that accelerates and supports anaerobic adhesive curing on passive metals like stainless steel, chromated metals and zinc. It can also accelerate cure speed in larger gaps and increase bonding strength in most cases.

For more information, please consult <https://born2bond.bostik.com>

KEY FEATURES

- Can be used at low temperatures (<5°C)
- On-part lifetime of up to 30 days

DIRECTIONS FOR USE

1. Spray Born2Bond™ Anaerobic Activator on both mating surfaces to be bonded. Treatment of only one surface may be sufficient in the case of small gaps. Use Born2Bond™ PRE-BONDING CLEANER before application when bonding contaminated surfaces.
2. Allow the solvent time to evaporate until the surfaces are completely dry.
3. Apply Bostik Born2Bond™ Anaerobic product to one or both surfaces and assemble parts immediately.
4. Parts can be handled typically within minutes.

APPLICATIONS

- For anaerobic adhesives
- Stainless steel bolts and shafts
- Threadlocking
- Pipe sealing
- Gasketing
- Retaining

STORAGE/SHELF LIFE

This product is classified as EXTREMELY FLAMMABLE and must be stored in an appropriate manner in compliance with relevant regulations. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Do not expose to temperatures exceeding 50°C. Keep in properly labelled closed containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Keep/store only in original container.

When stored properly, this material has a shelf life of 24 months.

HEALTH/SAFETY

The Safety Data Sheet is available on the Bostik website and should be consulted for proper handling, cleanup and spill containment before use. Keep containers covered to minimize contamination.

Activator must be handled in a manner applicable to highly flammable materials and in compliance with relevant local regulations. Do not pierce or burn, even after use. Do not spray on an open flame or any incandescent material.

LIMITATIONS

The solvent can affect certain plastics or coatings. It is recommended to check all surfaces for compatibility before use. This product is not recommended for use in pure oxygen and/or oxygen-rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials. Material removed from containers may be contaminated during use. Do not return product to the original container. Bostik will not assume responsibility for product that has been contaminated or stored under conditions other than those previously indicated. If additional information is required, please contact your local Technical Service Center or customer service representative.

PRODUCT CHARACTERISTICS

Basis Technology	Acetone based
Evaporation	60 seconds
Flammability	Flammable

CONVERSIONS

$$(^{\circ}\text{C} \times 1.8) + 32 = ^{\circ}\text{F}$$

$$\text{kV/mm} \times 25.4 = \text{V/mil}$$

$$\text{mm} / 25.4 = \text{in}$$

$$\mu\text{m} / 25.4 = \text{mil}$$

$$\text{N} \times 0.225 = \text{lb}$$

$$\text{N/mm} \times 5.71 = \text{lb/in}$$

$$\text{N/mm}^2 \times 145 = \text{psi}$$

$$\text{MPa} \times 145 = \text{psi}$$

$$\text{N}\cdot\text{m} \times 8.851 = \text{lb}\cdot\text{in}$$

$$\text{N}\cdot\text{mm} \times 0.142 = \text{oz}\cdot\text{in}$$

$$\text{mPa}\cdot\text{s} = \text{cP}$$

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