

## TECHNICAL DATA

### ThreeBond 1784

### Cyanoacrylate Adhesive

ThreeBond 1784 is an one-part, ready-to-use, solvent free cyanoacrylate adhesive which cures very rapidly at room temperature, used for post application.

#### Features

- Adheres difficult surfaces.
- Particularly excellent adhesion to rubber, plastic and metal.
- Excellent curing speed.
- Good heat and impact resistance.

#### Application

1. Bonding automotive components where heat and vibration always occur.
2. Bonding components of electronic products that require heat and impact resistance.
3. Bonding vibrated portion of machinery such as bearing and motor.

#### Characteristics

| Item                         | Unit                       | TB 1783           |
|------------------------------|----------------------------|-------------------|
| Appearance                   |                            | Clear transparent |
| Specific Gravity @ 25°C      |                            | 1.05              |
| Viscosity @ 25°C             | mPa·s {cP}                 | 1800 {1800}       |
| Setting Time NBR/NBR         | sec                        | 15                |
| Shear Bonding Strength Fe/Fe | MPa {kgf/cm <sup>2</sup> } | 20 {204}          |

All recommendations and statements are based on our research and we believe them to be reliable. We cannot guarantee the results obtained through the use of our products. All products are sold and samples are given without warranty, expressed or implied, of fitness for any particular purpose or otherwise. The user shall make his own tests to determine the suitability of the product for his purpose. No agency or representative or employee of this company is authorised to change this provision.

## Handling Precautions

1. Harmful. Do not inhale or ingest. In the event that this product is ingested, consult a physician immediately.
2. If using a large amount of this product or using for a long time, it is compulsory to ventilate the area well. If necessary, use mask, non-permeable gloves, and protective glasses. Ventilate well with local exhaust equipment.
3. In case of eye contact, do not blink or rub eyes. Absolutely do not use remover or solvent. Consult a physician immediately.
4. In case of abnormal reaction, stop using, consult a physician.
5. Do not use on human body.
6. Persons with allergies or who are sensitive should not use this product.
7. Product may spray, do not point nozzle towards other persons.
8. Cautions: Bonds skin and mucous membrane instantly.
9. In case fingers or other skin areas are inseparably bonded together, gently tear apart by immersing into warm water (about 40°C) and rub around affected area.
10. Upon contact with clothes, burns may occur due to heat generated from the chemical reaction. Handle with appropriate care.
11. Please read direction and brochure carefully before use.
12. To prevent dew formation, wait till the contents had reached room temperature before opening.
13. Depending on the material of the mating surfaces, the surface may deteriorate. Confirm the effect of the product before use.
14. If adhesive overflows, whitening may occur.
15. This product cannot bond with polyethylene, polypropylene, silicone resin, soft PVC and glass.
16. Keep away from children.
17. Avoid direct sunlight; store at low temperature (5 ~ 10°C) and low humidity.
18. Product may solidify in container. Do not store with accelerator, epoxy hardener or other alkali materials together.
19. Close lid tightly after use, then store.
20. After the adhesive has been used up, close the container tightly and dispose as other plastics.
21. This product is flammable. Please take the necessary precautions in storage and handling (refer to MSDS).
22. Clean the bonding area before use.
23. For industrial use only.

## Shelf Life

9 months unopened when stored at 5°C.

## Packaging

Available in sizes of 20g and 500g in HDPE plastic containers.

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## Disclaimer

|                                |
|--------------------------------|
| <b>For Industrial Use Only</b> |
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(Do not use for household purposes)

- The data contained in this report are obtained from experimental results, based on our test methods. We cannot assume absolute responsibility for accuracy and safety. Before using this product, use your own judgement to determine whether or not this product meets the requirements of the application and objectives. This includes the burden of responsibility and hazardous danger. The extent of the guarantee provides replacement for products, which are clearly unsatisfactory.
- We assume responsibility for neither injury nor property damages resulting from the misuse of this product.
- We do not assume responsibility without written notice or contract.

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