



# TECHNICAL LEAFLET

SUNSTAR ENGINEERING INC.

## PENGUIN CYANOACE E-5000

**Penguin Cyanoace E-5000** is a cyanoacrylate based, quick curing type adhesive. This adhesive rapidly cures by a small quantity of moisture on the surface of the adhered material or in the air. It takes only a few seconds to attach many kinds of adhered material strongly. Though applied by a non-expert, with **Penguin Cyanoace E-5000**, operation time can be greatly reduced and procedure rationalized. **Penguin Cyanoace E-5000**, operation time can be greatly reduced and procedure rationalized.

### 1). Characteristics

1. Its cure time is so short that **Penguin Cyanoace E-5000** reaches perfect adhesion within only 3 to 90 seconds.
2. **Penguin Cyanoace E-5000** is a one-part type adhesive, so there is no need to mix hardener.
3. **Penguin Cyanoace E-5000** does not need to be heated for curing; cures easily at room temperature.
4. Being a non-solvent type adhesive, there is no need to spare time to dry solvent.
5. Neither drying nor pressing is needed. Just press lightly with hand and superior adhesion can be gained.
6. As it shows low viscosity and good elongation, required application amount of **Penguin Cyanoace E-5400** is only half of one ordinary adhesive.
7. Finish of adhered surface is transparent and very beautiful.

### 2). Properties

Appearance	: Transparent Liquid
Viscosity	: 80 Cps
Specific Gravity	: 1.06
Cure Time	: Very Fast (5-10 sec)
Feature	: High Transparence, Less brushing

### 3). Application Method

1. Clean the adhered surface by removing dirt, dust, oil, and rust etc
2. Apply a small quantity of **Penguin Cyanoace E-5000** to the adhered surface.
3. Rub the adhered materials together and fix them so that **Penguin Cyanoace E-5000** can spread evenly.
4. The thinner it is spread, the sooner **Penguin Cyanoace E-5000** cures with stronger adhesion. The quicker the adhered materials are rubbed together after application, the stronger the adhesive strength will become.
5. **Penguin Cyanoace E-5000** cures within 10 to 90 seconds. (variation in figure is according to the kinds of adhered materials or their surface conditions)
6. This superior adhesive reaches practical strength within 30 to 120 minutes at room temperature
7. **Penguin Cyanoace E-5000** is available for almost all kinds of material except polyethylene, polypropylene, silicone and fluoride resin

### 4). Precautions

1. **Penguin Cyanoace E-5000** is very much sensitive to humidity, high temperature and light. Store it in a dry, cool and dark place like a refrigerator.
2. The ways of removing according to affected parts are shown separately as follows:

\* Fingers : Don't peel it forcibly. Avoid separating the Glued fingers impatiently. Instead, dip Fingers in warm water; peel the adhesive By rubbing the fingers together, carefully And slowly.

If this method does not help, drip solvent (acetone) or nail Polish remover to the affected part and rub them together Slowly. After use of solvent, wash it completely with soap

\* Mouth : Gargle with water and comes off in the form of Fragile lump.

If blister or heavy inflammation is caused, consult a doctor

\* Eyes : Wash off with large amount of water and consult  
A doctor.

In case eyelids are glued together, avoid peeling and put  
moderately steamed hot towel on them for a while until naturally  
peels off due to sweating.

## 5). Packaging

Bottle 3g, 20g, and 50g