

Epoxy Coating Powders are affected by heat and moisture. This is why we require refrigeration during shipping, handling, and storage.



Heat (above suggested guidelines) will cause the epoxy coating powders to slowly begin to react, reducing the material's gel time and affecting other properties. This may lead to product variations that would prevent it from coating successfully.



Condensation or high humidity (>65%) may cause the epoxy to cure more slowly, which in turn may reduce the material's viscosity. This can lead to coat defects and could also impact material properties.

Epoxy Coating Powders are shipped in plastic bags packed in carton boxes. The plastic bags keep the condensation and humidity from coming into contact with the product and should only be opened and closed when the powder is at room temperature. This will help us avoid condensation formation when moving the product from cold storage to warmer temperatures.

Transport and Storage Instructions

- ❖ **Suggested transport and storage condition.** Epoxy coating powders are affected by heat and humidity. It is suggested to store the product below 15°C and 65% RH. During transportation, it must not be exposed to direct sunlight and should be kept in cool and dry conditions.
- ❖ **Shelf life.** Shelf life refers to the period within which the powder product could be applied to produce a well-coated insulation layer. Generally speaking, the powder product has 1.5 months' shelf life at 30°C storage condition, 1 month's shelf life at 35°C storage condition and 3 weeks' shelf life at 40°C storage condition.

Safety and Hygiene Instructions

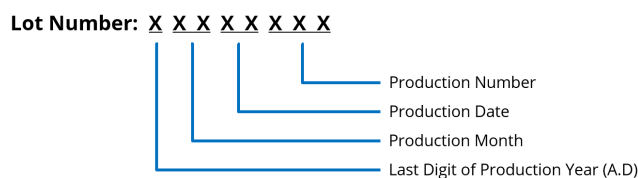
- ❖ **This product may cause irritations if touched or inhaled.** Keep in mind the following precautions during handling process:
 - ▶ Prepare exhaust equipment and the dust precipitator within the working area.
 - ▶ Wear protective gloves, an apron and other protective equipment while handling the powders.
 - ▶ Wash hands and gargle after handling the powders.
 - ▶ Rinse thoroughly with water if suffering from eye irritation caused by this powder. Consult with a doctor if necessary.
 - ▶ Wipe powder dust from the clothes and wash bare skin after finishing all the handling work.
 - ▶ Store the product in the same reserved place.

- ❖ **Precautions for fire and explosion.** As the coating powder contains organic components, small particles floating in the air can be ignited with an electric spark or fire source. Appropriate air ventilation and removal of potential fire sources are required.

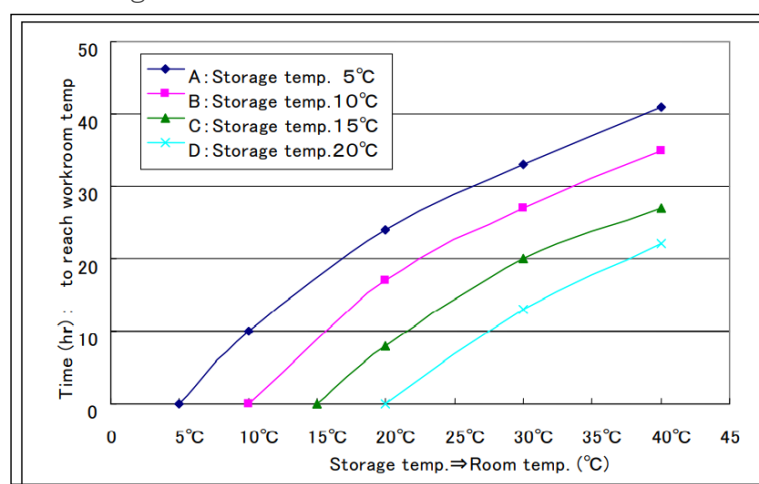
Usage Instructions

- ❖ **Before use.** When you receive your goods, they should be placed into cold storage as soon as possible. CAPLINQ recommends that materials are stored at or below the storage temperatures indicated on the technical data sheets. Lower temperatures work even better to maximize flow retention.

- ▶ Confirm the product information. Production date can be read from the lot number on the package:



- ▶ Make sure that the high-pressure air used for transferring and fluidizing the coating powder is well dehumidified.
- ▶ The powder has to be brought to room temperature without opening the product package. If the product is suddenly exposed to room temperature and humidity without warming up, it might cause condensation and humidification. The time required to restore the product to room temperature varies depending on the storage temperature. Check the figure showing the relationship between product storage temperature and thawing time needed.



- ❖ **During use.** It is preferred to use the product in a work place with less than 25°C and 65% RH condition. Avoid high temperature and high humidity working environment.

- ❖ **After use.**

- ▶ After daily work is finished, leave the remaining coating powder inside the fluidizing chamber and the hopper. Put inside a drying agent like silica gel and seal the container.
- ▶ If the fluidizing chamber and the hopper cannot be sealed and the powder will not be used for more than 2 days, please pack the remaining powder in polyethylene bags, along with a drying agent, and store the bags in a dry place at low temperature.