

# CHILL RELEASE™ 110

## Silicone-based release agent

### CHARACTERISTICS

Easy to use

Industrial and residential  
applications

Very low viscosity

High temperature resistance

Fast evaporation of solvents

### DESCRIPTION

CHILL RELEASE™ 110 is a silicone-based compound primarily formulated to be used as a release agent in epoxy, polyurethane, and metal molds. This product can be used in various industrial applications and also for releasing epoxy projects such as river tables or other casting molds.

CHILL RELEASE™ 110 works by creating a barrier between the epoxy resin and the surface of the mold in order to ease demolding procedures. This product is designed so users can avoid using tape as a way to release cured epoxy.

### INSTRUCTIONS

Before using CHILL RELEASE™ 110, it is important to shake the liquid in order to make it homogeneous.

Before pouring epoxy into the mold, wait for the solvents to evaporate (at least 15 to 20 minutes between coats, then at least 2 to 3 hours after the last coat).

**Before using a wooden mold**, seal it with at least 2 coatings of CHILL SEALER™ before applying the release agent, as all other sealers might be attacked by the solvents found in CHILL RELEASE 110™, causing pours to stick to the mold.

We recommend applying 2 to 3 0.001-inch layers to a new mold. Let the release agent sit for 2 to 3 minutes at 22°C (72°F) before applying another layer. Apply using a clean cotton cloth or a paintbrush, making sure to avoid drips.

### TYPICAL PROPERTIES (AT 22°C/72°F)

VISCOSITY (Brookfield (cps))	45
CONSISTENCY	Liquid
SPECIFIC GRAVITY (g/cm <sup>3</sup> )	0.70
COLOR	Transparent
GENERIC TYPE	Silicone
FLASH POINT (closed cup °C)	< 15



Available in 500mL and 1L

Contact

POLYMÈRES TECHNOLOGIES

for more information:

support@polymerestechologies.com

CHILL  
**EPoxy**™  
By Polymères Technologies

## PRECAUTIONS

- Consult material safety data sheet prior to use.
- This product is flammable. Keep it away from flames and sparks.
- Normal health and safety measures should be observed when handling this product.
- Ensure good ventilation.
- Wear gloves, safety glasses, and protective clothing.
- Once the container is opened, POLYMÈRES TECHNOLOGIES can no longer be held responsible for this product.
- Shelf life of this product in original closed containers is one (1) year from the date of purchase, under recommended storage conditions.
- Keep from freezing.

It is recommended to follow provincial and federal safety regulations. In case of eye contact, rinse well with water. In case of skin contact, rinse with soap and water. Keep away from children.

#### ASSUMPTION OF RISK

The customer assumes all risk and liability for the results obtained by the use of any POLYMÈRES TECHNOLOGIES product, including, without limiting the generality of the foregoing, the use of the CHILL EPOXY™ line of products, and the use of any process, whether in terms of general effectiveness, success, or failure, and regardless of any oral or written statement made by way of technical advice or otherwise, related to the use of any POLYMÈRES TECHNOLOGIES product.

[sales@polymerestechologies.com](mailto:sales@polymerestechologies.com)

6330 Boulevard Laurier O, Saint-Hyacinthe, QC J2S 9A7

+1 (450) 250-3058



**CHILL  
EPOXY™**  
By Polymères Technologies