

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 ³)	0.70
COLOR	Transparent
GENERIC TYPE	Silicone
FLASH POINT (closed cup °C)	< 15



Available in 500mL and 1L

Contact

POLYMÈRES TECHNOLOGIES

for more information:

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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.

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.

GUARANTEE

Having no control over the use and application of this product, the manufacturer and/or distributor cannot guarantee the result obtained. The warranty is therefore limited to the replacement of a product that the user has demonstrated to the satisfaction of the manufacturer and distributor that it is actually defective. Before using this product, the user must ensure that the product is suitable for its intended use. Only the user assumes the risks related to this use. The user must ensure that this product meets his needs by conducting tests in the short, medium and long term to validate the results and in the conditions of use and according to the instructions provided. This limited warranty excludes all liability for consequential, incidental or special damages. Except as described above, the user expressly acknowledges and accepts at the time of the purchase of this product that the manufacturer and / or distributor disclaims any other liability and any other express or implied warranty of quality and an implied warranty of quality of the material are expressly excluded.

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