



**POLYMÈRES**  
technologies

# TECHNO RELEASE 1000

Release agent  
Silicone based

## DESCRIPTION

**TECHNO RELEASE 1000 is a universal silicone based release agent specifically formulated for the release of both low and high temperature cured urethanes from metal and plastic molds. It is also suitable for use in molding epoxies.**

## APPLICATIONS

**TECHNO RELEASE 1000** forms a lubricating, heat stable non-carbonizing film that gives excellent release, surface definition and mold cleanliness. It is inert, will not corrode metal or plastic molds and does not give off noxious odors at elevated temperatures. **TECHNO RELEASE 1000** will not decompose on long exposure to high temperatures (400°F/204°C) associated with some polyurethane, epoxy and Viton molding operations. **TECHNO RELEASE 1000** is equally suitable for polysulfides, polyesters, rigid and flexible molds. It has unusually low surface tension, spreads easily and rapidly without "fish eyes". **TECHNO RELEASE 1000** is cost effective, produces fewer rejects when properly applied and will not discolor light colored stocks.

Please consult **POLYMERES TECHNOLOGIES** for more details based on your application.

## TYPICAL PROPERTIES (at 22°C)

Color		Colorless
Viscosity	CPS	3
Specific Gravity		.70
Weight Per Gallon (pounds)	lb	5.80
Flash Point		>0°F (-18°C)
Solvent type		Hexane

## PRECAUTIONS

- Consult material safety data sheet prior to use.
- Flammable liquid, keep away from flames and sparks
- Always keep containers tightly closed and store in a cool place.
- 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.

## STORAGE AND HANDLING

- Because **TECHNO RELEASE 1000** is supplied in flammable solvents, containers should not be stored at room temperature. DO NOT store above 122°F (50°C). Aerosol cans should not be punctured, incinerated, or used near a source of ignition. Use in well ventilated atmosphere. Avoid inhaling vapor and excessive contact with the skin.

## GUARANTEE

Seller makes no warranty of any kind, express or implied, as to the merchantability, fitness for any particular purpose, or any other matter with respect to the product **TECHNO RELEASE 1000**. Since conditions of use are beyond seller's control, buyer assumes all risk of use of this product. Under no circumstances will seller be liable for consequential or incidental damages arising out of the use of this product. Seller's sole obligation shall be to replace the product if found to be defective. It is the user's responsibility to determine the suitability for use of this product under the conditions present at the time of application. M.S.D.S. available upon request.

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