

Description

The 8329 *Epoxy Mold Release* is a non-silicone release agent that is formulated to prevent epoxies and other thermosetting materials from bonding to metal molds. This release agent was developed specifically for transfer and compression molding. It can be safely used on most types of plastic. It is very efficient at fully penetrating molds and forming a thin, even coat across the mold surfaces. This ensures a clean part release and glossy finish.

Benefits and Features

- **Silicone free**
- **Metal die compatible**
- **Maximum mold temperature of 260 °C [500 °F]**
- **Safe for thermosetting plastics, epoxies, nylons, and polystyrenes**

ENVIRONMENT

- ✓ RoHS
- ✓ REACH compliant

Usage Parameters

<i>Properties</i>	<i>Value</i>
Maximum Mold Temperature	260 °C [500 °F]
Shelf Life	5 y

Temperature Ranges

<i>Properties</i>	<i>Value</i>
Storage Temperature Limits ^{a)}	22 to 27 °C [72 to 80 °F]

a) Store in a dry area away from sunlight.

Properties

<i>Physical Properties</i>	<i>Method</i>	<i>Value</i>
Color	Visual	Colorless
Odor		Hydrocarbon
Specific Gravity @25 °C [77 °C]	Tag closed cup	0.7 g/mL
Boiling Point		205 °C [401 °F]
Flash Point		-7 °C [19 °F]

Compatibility

Mold Release—The 8329 release agent is compatible with the following types of thermosets.

<i>Thermosetting System</i>
Epoxy Nylon Polystyrene Plastics

Storage

Store between 22 and 27 °C [72 and 80 °F] in dry area away from sunlight.

Health, Safety, and Environmental Awareness

Please see the 8329 **Safety Data Sheet** (SDS) for more details on transportation, storage, handling and other security guidelines.

Health and Safety: The 8329 parts can ignite if exposed to flames or sparks.

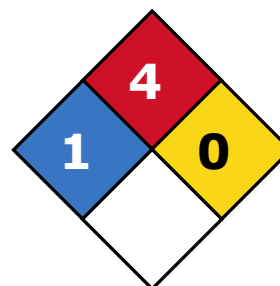
Wear safety glasses or goggles while handling. For incidental contact, wear disposable nitrile rubber gloves. Wash hands thoroughly after use or if skin contact occurs. Do not ingest.

Use in well-ventilated area since vapors may cause drowsiness or dizziness.

HMIS® RATING

HEALTH:	* 1
FLAMMABILITY:	4
PHYSICAL HAZARD:	0
PERSONAL PROTECTION:	

NFPA® 704 CODES



Environment: The 8329 may cause long lasting harmful effects to the environment. Avoid release in sewer and waterways. The VOC content is 95%.

Application Instructions

Follow the procedure below for best results.

Prerequisites

- Ensure surface to be coated is oil free, dust free and clean

To apply

1. At a distance of 20 to 25 cm (8 to 10 inches), spray a thin and even coat onto a vertical surface. For best results, use spray-and-release strokes with an even motion to avoid excess paint in one spot. Start and end each stroke off the surface.
2. If necessary, wipe off excess.



ISO 9001 Registered Quality System.
Burlington, Ontario, Canada QMI File # 004008

Epoxy Mold Release 8329 Technical Data Sheet

8329-Aerosol

Packaging and Supporting Products

<i>Cat. No.</i>	<i>Packaging</i>	<i>Net Weight</i>		<i>Packaging Weight</i>	
8329-350G	Aerosol	350 g	12.3 oz	TBD	TBD

Technical Support

Contact us regarding any questions, improvement suggestions, or problems with this product. Application notes, instructions, and FAQs are located at www.mgchemicals.com.

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Warranty

M.G. Chemicals Ltd. warrants this product for 12 months from the date of purchase by the end user. *M.G. Chemicals Ltd.* makes no claims as to shelf life of this product for the warranty. The liability of *M.G. Chemicals Ltd.* whether based on its warranty, contracts, or otherwise shall in no case include incidental or consequential damage.

Disclaimer

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