

Mold release agent DAIFREE GA-3000

TECHNICAL
DATASHEET

DAIFREE GA-3000 is an aerosol fluorocarbon mold release agent. It is solvent based and semi-permanent type. It shows enhanced performance for rubber products and resin. It also meets environmental regulations.

Introduction

- **High durable effective release performance** with fluorocarbon as the principal ingredient.
- **PFOA and PFOS free*** and complies with environmental regulations such as TSCA and RoHS.
* ≤ 5 ppb detection limit.
- Little transfer, no stickiness left on the mold product.
- Minimal mold contamination is produced, reducing mold -cleaning requirements and improving productivity.
- A degassing cap is provided so that the aerosol product can be discarded safely.

General physical properties—Product*¹

Items	Data
NET.	420ml
Principal solvent	IPA (isopropyl alcohol)
Propellant	LPG
Fire Service Act	Flammable

*¹ The above values are representative and not guaranteed.

Application

- Rubbers ; SBR, NBR, EPDM, FKM, CR, ACM, etc.
- Thermosetting resins ; Epoxy, Unsaturated polyester, Phenol, etc.

Method of use

(1) How to apply

- Shake the can well, hold it about 20-30cm away from the mold, and then spray lightly so that a thin uniform film is formed.
- Before using the product for the first time, remove the old release agent completely. Use the steps in '(2) Cleaning the mold' below to clean correctly.
- Curing process; 150°C—180°C × 30—10 min.

(2) Cleaning the mold

- Slight contamination of the mold release agent can usually be removed to a certain degree by wiping with a solvent (IPA, toluene, acetone).
- Alkaline cleaning agents are effective for complete removal. (Immerse in an approx.. 10% aqueous solution of potassium hydroxide or sodium hydroxide to which a small amount of surfactant has been added. The cleaning solution should be at a temperature of 60-80°C)

Use temperature range

From room temperature to 300°C

Handling / Safety information

- Be sure to read the Safety Data Sheet (SDS) and precautions on the label before using.
- This product has been developed for industrial purposes and we shall not guarantee the safety if used for any other purposes. If it is going to be used for medical or food applications, please contact us in advance.

Package size

- 20cans / 1 carton

For more information, visit our website.

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<https://www.daikinchemicals.com/>

tds-ga-3000-E_ver01_Aug_2019

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