

DAIFREE GA-9700M

TECHNICAL
DATASHEET

DAIFREE GA-9700M is an aerosol fluorocarbon mold release agent. It is solvent based and is combined with silicone. It shows enhanced performance in comparison to Daikin's previous product, GA-9700. It also meets environmental regulations.

Introduction

- **High 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
Package	aerosol can
NET.	420ml
Principal solvent	Isooctane
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.
- Thermoplastics ; PE, PP, PVC, ABS, 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.

(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 200°C

Cautions on handling

- 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 advice.

Packing specification

- 20cans / 1 carton

For more information, visit our website.

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tds-ga-9700m-E_ver01_Jun_2020
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