



CRC Industries NZ, Auckland NZ

I. Product Description

Silicone Release FG is a medium duty, silicone release agent for use in the manufacture of food contact plastic packaging.

Silicone Release FG is a multi-purpose, medium duty, silicone mould release agent that is MPI Approved C15, MPI Approved C81, NZ AsureQuality assessment for food/beverage including dairy factories with incidental contact and NSF M1 registered. It has been formulated as a highly effective, general purpose release agent for all thermoplastics and many types of moulded rubber used in the food processing industry.

II. NSF Classification Statement

This product is acceptable for use as a mold release agent (M1) on molds that are used to produce packaging material that will contact food to prevent the finished product from adhering to the mold. The amount used on the equipment should be the minimum required to accomplish the effect.

III. Application and Directions

Provides a medium duty film for release of plastic and rubber parts in injection moulding, compression moulding, vacuum forming and many other moulding and forming processes. Will not build up in the mould and helps to improve surface finish, reduce rejects and increases production.

Spray a light, even coating from 9" - 12" (25 - 30 cm) and re-apply as necessary.

IV. Typical Properties and Characteristics

Odour	Hydrocarbon
Appearance	Clear, colourless liquid
Flammability	Classified as extremely flammable under current EC Regulations
Propellant	Hydrocarbon
SG @ 25°C	0.723
Pressure @ 25°C	3.5 Bar
Discharge rate	0.8 g/sec
Temperature range	Operational up to 200°C
Solubility	Soluble in solvents, insoluble in water
Flashpoint	Not applicable in sealed aerosol
Specifications/Approvals	MPI Approved C15 MPI Approved C81 NZ AsureQuality assessment for food/beverage including dairy factories with incidental contact NSF M1 149686



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V. *Package Description*

Part Number	Size
32454	400ml Aerosol

VI. *Special Precautions*

General:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Do not breathe dust/fume/gas/mist/vapours/spray.

Aerosol Cans:

Do not puncture, incinerate or store above 50°C. Exposure to high temperatures may cause can to burst. Do not place in direct sunlight or near any heat source. Aerosol cans will conduct electricity. Keep away from all live electrical sources including battery terminals, solenoids, electrical panels and other electronic components. Failure to observe this warning may result in serious injury from flash fire and/or electrical shock.

First Aid:

Swallowed – Avoid giving milk or oils. Avoid giving alcohol. Not considered a normal route of entry.

Skin – Flush skin and hair with running water (and soap if available). Remove any adhering solids with industrial skin cleansing cream. DO NOT use solvents. Seek medical attention in the event of irritation.

Eyes – Immediately hold the eyelids apart and flush the eye continuously for at least 15 minutes with fresh running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Transport to hospital or doctor without delay. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

Inhaled – Remove to fresh air. Lay patient down. Keep warm and rested. Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures. If breathing is shallow or has stopped, ensure clear airway and apply resuscitation, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary. Transport to hospital, or doctor.

Refer to Material Safety Data Sheet for more details.

TECHNICAL DATA SHEET Version 07/2018

PRODUCT WARRANTY: CRC offers a conditional warranty of this product for the period of 2 years from the date of manufacture.

DISCLAIMER: All information on this data sheet is based on testing by CRC Industries NZ. All products should be tested for suitability on a particular application prior to actual use. CRC Industries makes no representations or warranties of any kind concerning this data.