



CRC Industries NZ, Auckland NZ

**I. Product Description**

CRC Silicone Mist is a dry-type silicone spray formulated with 100% pure food grade silicone oil for light lubrication and mould release. It is applied as a fine dry mist and instantly forms a colourless clear ultra-thin film providing a non-stick surface without oily residue. It does not build up, carry over or soak in and can be used on equipment in operation minimising downtime.

CRC Silicone Mist is designed as a release agent and for lubrication of cutting tools and equipment. It eliminates sticking, drag and puckering problems, reduces static electricity, extends tool life and resists dust and dirt build up. It is particularly suited for use in the food, packaging, textile and plastics manufacturing industries where the lubricant comes in contact with surfaces that would be contaminated by wet lubricants.

NZFSA Approved C26. Temperature range from -30°C to +160°C.

**II. Application and Directions**

1. Shake can well before using.
2. Spray a light even coating.
3. Use minimum amount necessary.
4. Wipe the treated area to ensure no free CRC Silicone Mist can be transferred.

**III. Features & Benefits**

- **Creates non-stick surface** – Eliminates drag, sticking and puckering. Materials can easily pass through cutting and sewing operations.
- **Clear & odourless** – Pure food grade silicone. No solvents. No bulking agents.
- **Does not transfer, non-staining** – Ultra-thin film that does not transfer to garments and materials. Does not soak in or build up. No excessive oily residue.
- **Resists dust & dirt** – Leaves surfaces non-sticking and water-repellent.
- **Adheres tenaciously** – Does not run, drip or wash off.
- **Fast drying, instant lubrication** – No waiting time, spray on while in operation, effective instantly.
- **Will not damage fabrics, leather, rubber, plastics**
- **Will not melt, freeze or gum**
- **Non-toxic**
- **Temperature Range** – Effective from -30°C to +160°C.
- **NZFSA Approved C26**
- **NZ AsureQuality assessment for food/beverage/dairy factory incidental contact.**

**IV. Typical Properties and Characteristics**

**Physical Properties:**

<b>Appearance</b>	Colourless clear film
<b>Odour</b>	Practically odourless
<b>Flammability Aerosol</b>	Flammable
<b>Flammability residual film</b>	Non-flammable
<b>Propellant</b>	Hydrocarbon

**Performance Characteristics:**

<b>Surface Tension</b>	0.21 n/m
<b>Oxidation Threshold</b>	204°C
<b>Temperature Range</b>	-30°C to +160°C



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## V. *Package Description*

Part Number	Size
3048	500ml Aerosol

## VI. *Special Precautions*

### **General:**

Extremely flammable aerosol. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash ... thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Store in a well-ventilated place. Keep container tightly closed. Store locked up. Dispose of empty containers safely. All unused product should be disposed of in conformance with local and HSNO regulations, do not contaminate water supply.

### **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 – 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 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. Seek medical attention without delay; if pain persists or recurs seek medical attention.

Inhalation – Remove to fresh air. Lay patient down. Keep warm and rested.

Refer to Material Safety Data Sheet for more details.

TECHNICAL DATA SHEET Version 03/2013

**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.