

Product Data Sheet

No. **22011** - 01/24

FOOD GRADE SILICONE MOLD RELEASE

CARB MIR <1.10 (MOLD RELEASE COATING)

PRODUCT NUMBERS: 2011 - 13-OZ. NET WT. AEROSOL

I. GENERAL DESCRIPTION

Features: Food Grade Silicone Mold Release is an effective light-duty release agent for all types of materials, including wax, ceramics, plastics, T.F.E., and rubber. Spray Any-Way Valve for application in any direction.

Benefits: A non-staining, non-corrosive formula that will perform at temperatures between 40° and 550°F (4° and 288°C) on substrate. It is safe on rubber, wood, metals, and most plastics. Applies in any direction for hard to reach applications. It meets FDA regulation 21CFR181.28 as a release agent in the manufacture of food contacting material.

Applications: Parts release agent for plastic injection molding using ABS, PC, acrylic and other plastics; blow mold and compression mold; and extruders, castings, wax, rubber and other applications requiring effective parts release.

Directions: Shake can well before using. Spray product in a well ventilated area. For best results, use at temperatures between 60° and 80°F (16° and 27°C). Hold can 10-12 inches from mold surface and apply a thin, light coating. Do not use on electrical equipment while in operation.

Limitations: Please refer to the Safety Data Sheet for specific information on material hazards, etc.

Packaging:

Aerosol:

Cans 20 oz.
12 cans/case

13 oz. net wt. (369 g)
14.5 lbs. (6.6 kg)

18.6 fl. oz. (550 ml)
0.55 CF (0.016 CM)



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II. CHARACTERISTICS & PROPERTIES

Specifications:

This product is prior sanctioned by FDA regulation 21CFR181.28 as a release agent.

Appearance:

Light oily liquid

Color:

Clear

Odor:

Slight

Drying Schedule:

Not applicable

Performance and Chemical Properties:

Aerosol

Weight per gallon	5.6
Specific gravity	0.67
Viscosity in centipoise @ 104° F (40° C)	275 (active ingredient only)
Viscosity in centipoise @ 212° F (100° C)	110 (active ingredient only)
Flammability: Label marking	Extremely Flammable
Flash point.....	<0°F (-18°C)
Operating temperature range.....	40° to 110°F (5° to 43°C)
Active ingredients by weight.....	3%
CARB MIR VOC limit (mold release coating).....	<1.1
Dielectric strength	375 volt/mil (active ingredient only)
Penetrating ability.....	Very good
Corrosion protection.....	Good

Base Materials:Dimethyl Silicone Fluid, Heptane

Propellant system:Dimethyl Ether

III. SHIPPING, STORAGE AND HEALTH

	Aerosol
UN number	UN1950
Proper Shipping Description	Aerosols
Hazard Class.....	2.1
Packing Group	N/A
Limited Quantity	Yes
Warehouse storage level number	NFPA 30B Level 2
Storage temperature	32° to 120°F (0° to 49°C)
Shelf life	1 to 3 years
HMIS ratings	
Health	2
Fire	4
Reactivity.....	1

IV. MISCELLANEOUS

Contains no Ozone Depleting Substances (O.D.S.)

V. WARRANTY

1-year performance warranty on all products from date of purchase. Report to home office or local Aervoe representative for examination. Because Seller cannot control Buyer's handling or use of product, Seller makes no warranty expressed or implied when not used or stored in accordance with directions. Seller shall not be liable for cost of labor, incidental or consequential damages, and this warranty is limited to replacement of product or credit of purchase.