chanhvinh.com

capLINQ
Specialty Chemicals, Plastics & Products

CHEMLINQ™ MRE-C909

Non-Silicone Carnauba Wax Mold Release Spray



- EPOXY MOLDING COMPOUND COMPATIBLE
- CFC FREE FORMULA – REACH COMPLIANT
- SILICON, OIL AND TEFLON FREE

PRODUCT DESCRIPTION

Aerosolized solution of carnauba wax, suspended in a solvent and using a propellant. Excellent compatibility and great release properties.

PRODUCT APPLICATION

Ideal mold release for Epoxy molding compounds and Thermoset plastic molding. Developed specifically for transfer molding and compression molding.

PRODUCT FEATURES

Natural wax, used in the manufacture of semiconductor epoxy molding compounds. No silicone, teflon or oil. Does not contain trichloroethane or dichloromethane

chanhvinh.com

CHEMLINQ™ MRE-C909

Carnauba Wax Epoxy Mold Release Spray

capLINQ
Specialty Chemicals, Plastics & Products

PRODUCT DESCRIPTION

CHEMLINQ™ MRE-C909 is a Carnauba wax based, sprayable aerosol mold release agent. It combines the enhancing properties of Carnauba wax with the convenience, control and uniformity of an aerosol spray.

CHEMLINQ™ MRE-C909 contains no silicones or oils and is therefore not only compatible but also complementary to epoxy molding compounds and most engineering plastics. Lab tests have proven that it enhances the tensile strength and displacement properties of highly engineered plastic resins.

CHEMLINQ™ MRE-C909 is used by leading semiconductor manufacturers to produce and break in new molds and to maintain existing ones. The carnauba wax prevents the epoxy mold compound from sticking in the mold-chase, rust-proofs the mold-chase and allows for easy release of the product, once molded.



PRODUCT APPLICATION



► Applications

Used for:

- Epoxy molding compound mold release for Active semiconductors (*ICs, TQFPs, BGAs etc*)
- Epoxy molding compound mold release for Passive semiconductors (*Resistors, capacitors*)
- Mold release agent for transformers, inductors, relays and electro medical applications
- New Mold break in

chanhvinh.com

CHEMLINQ™ MRE-C909

Carnauba Wax Epoxy Mold Release Spray

Specialty Chemicals, Plastics & Products

PRODUCT FEATURES

TYPICAL PROPERTIES	UNIT	VALUE
PHYSICAL & CHEMICAL PROPERTIES		
Appearance	-	Milky wax solution
Specific gravity @ 250 ˚C	g/cc	0.69
Vapor pressure	Kg/cm^2	3.8
Auto ignition temperature	˚C	237(conc)
Evaporation rate ***(diethyl ether=1)***	-	1.5
Vapor density ***(air = 1)***	-	2.3
Flammability	-	Flammable

Data Ranges

The data contained herein may be reported as a typical value and/or range values based on actual test data and are verified on a periodic basis.

Non-Silicone

GREEN LABEL
CFC Free Formula
REACH/RoHS Compliant
Does not contain trichloroethane or dichloromethane

Instructions

1. Turn the actuator so that the orifice is pointing towards the red marking on the valve cup.
2. Shake the can frequently during use.
3. Hold can far enough from the mold surface to obtain required spray distance, pattern, & coverage.
4. Do not overspray, but apply uniformly and quickly during production.
5. Do not spray into open flames or any incandescent materials.

Precautionary statements

- Pressurized container. Do not pierce or burn even after use.
- Protect from sunlight. Do not expose to temperature exceeding 50°C / 122°F
- Keep away from heat, sparks, open flames, and hot surfaces.
- Do not smoke while using the product
- Wear protective gloves, protective clothing, eye protection, and face protection
- Use only outdoors or in a well ventilated area
- Keep out of reach of children

The above figures are typical material properties only and are not to be used for product specification purposes. To generate a specification for this product, please contact our Quality Manager and request a copy of the current stock specification. The information and recommendations supplied in this document are believed to be accurate but no guarantee of their accuracy is made; they are for guidance only and should not be construed as a warranty. All implied warranties are expressly disclaimed, including without limitations any warranty of merchantability and fitness for use. It is recommended that purchasers before using this product conduct their own tests to determine whether the product is suitable for their particular purposes under their own operating conditions.

Europe & Asia
CAPLINQ Europe BV
De Trompet 1126,
1967DA Heemskerk
The Netherlands
Tel : +31 (20) 893 2224

Americas
CAPLINQ Corporation
957 Snowshoe Crescent
Orléans, Ontario K1C 2Y3
Canada
Tel : +1 (613) 482.2215

Worldwide
www.caplinq.com
Email : info@caplinq.com

Rev A June 2019