



Product Information

MAPR-L Paintable Silicone Fluid / Release Agent

100% Active Methylalkylaryl Silicone – Paintable Silicone Fluid CAS # 68037-76-3



100% Paintable Silicone Fluid... will not cause "fisheye effects" as seen with conventional silicone fluids.

MAPR-L Paintable Silicone Fluid is a 100% active Methylalkylaryl Silicone Fluid (CAS # 68-37-76-3). Unlike conventional silicone fluids, MAPR-L will not interfere with paintability. It is widely used as a lubricant / release agent for parts that are intended to be painted or top-coated.

Applications include: injection molding, compression molding, transfer molding, vacuum forming, pour cast die cast, extrusion molding.

In comparison to conventional PDMS Silicone aka Polydimethylsiloxane, Methylalkyl Silicones have greater compatibility with organic materials, higher viscosity-temperature coefficients, lower compressibility, and decreased oxidation stability.

Methylalkyl Silicones are compatible with paraffin wax, and can be used as a component in thread and fiber lubricant formulations. They reduce surface tension of many non-aqueous solvents, allowing them to act as wetting and leveling agents in coating and ink formulations.

Applications

- Internal Lubricant in Vinyl Plastisols
- Internal Lubricant in Rubber
- Rubber Molding Release Agent
- Paint Additive
- Plastic Molding Release Agent
- Organic Coatings

Features

<ul style="list-style-type: none"> • Clear, Colorless to light amber • Will not interfere with paintability • Excellent Lubrication • Non-Flammable 	<ul style="list-style-type: none"> • Chemically Inert • Excellent Thermal Stability • High water repellency • High oxidation resistance • Organo-compatible
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Excellent for rubber molding release agent – will not interfere with parts being painted or coated.

Typical Product Data

Viscosity	Specific Gravity	Pour Point	Flash Point (PMCC)	Boiling Point	Solubility
1,200cSt	0.93	-16°C / 3.2°F	> 93°C / 200°F	>392°F	Aliphatic hydrocarbons & chlorinated solvents

Specifications

Chemical Name	Methylalkylaryl Silicone
CAS #	68037-76-3
Appearance	Clear Liquid – Odorless & Tasteless
Odorless	Yes
Non-Flammable	Yes
Thermally Stable	Yes
Availability	1-gallon 5-gallon pail 55-gallon drum
Weight	7.7 lbs per gallon
Minimum Order	1-gallon

Pricing

1-gallon.....	7.7 lbs
5-gallon pail.....	38.5 lbs
55-gallon drum.....	400 lbs
F.O.B. Phila, PA U.S.A.	

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