



Clearco Methylalkyl Paintable Release Agent

Paintable Silicone Release Agent...100% Active Silicone



Clearco Methylalkyl Paintable Release Agent is 100% paintable... excellent release agent for plastic and rubber molds

Clearco Methylalkyl Paintable Release Agent is a 100% active silicone that provides outstanding lubricating and release properties.

It will not interfere with paintability or Topcoating, making it a preferred release agent for rubber and plastic molds as well as die-casting. Clearco Methylalkyl is useful as a lubricant for soft metals such as aluminum, zinc and copper, and is particularly effective as a rubber or plastic lubricant when mated against steel or aluminum.

In comparison to polydimethylsiloxanes, Clearco 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 and as a process aid in melt spinning. They reduce surface tension of many non-aqueous solvents, allowing them to act as wetting and leveling agents in coating and ink formulations.

Features and Benefits

- Provides multiple releases per application of a wide array of products including: injection molded plastics, rubber parts (rubber mats etc), foams (including rigid polyurethane foams), epoxy molded parts and thermoplastics.
- Improves molding efficiency in many processes including injection, compression, transfer, vacuum form, pour cast, die cast and extrusion molding.
- Anti-adherent agent for the mould release of plastics to be painted or glued.
- Paint Additive: Tensio-active agent for varnishes and paints, generally applied by Curtaincoating (normal doses: 1 to 5%)
- Internal lubricant in Vinyl Plastics and Rubber Maintenance product additive (normal doses: 1 to 10%)
- Hot and Cold applications
- Waxing additive in paraffin oils for the lubrication of sewing threads and hosiery yarns (normal doses are approximately 20% in the mixture)
- VOC Compliant

Specifications

Chemical Name	Methylalkylsilicone
Appearance	Clear to slightly cloudy liquid
Odorless	Yes
Non-Flammable	Yes
Thermally Stable	Yes
Availability	5-gallon pail (38 lbs) 55-gallon drum (400lbs)
Minimum Order	5 Gallons

Typical Product Data

Appearance	Viscosity	Specific Gravity	Boiling Point	Flash Point (PMCC)	Solubility
Clear, colorless	500-1000cSt	0.90	212°F	> 300°F	Aliphatic hydrocarbons & chlorinated solvents

For More Information or To Request a Sample, Contact:

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