

Hexa-Sil6 VOC Exempt Lubricant

Exempt from Federal VOC Regulations including CARB and South Coast



Formulated from 100% silicone source. VOC Exempt & HAP-free.

Hexa-Sil6 VOC Exempt Silicone Release Agent is a 100% silicone-based lubricant that is exempt from federal VOC regulations including California CARB, South Coast Air Quality and OTC. It is HAP-free and RoHS Compliant. The fluid is clear, colorless and odorless with a viscosity of water. It is inert to virtually all substrates including metal, plastics, rubbers and elastomers.

Hexa-Sil6 is faster drying than Cyclo-Sil6 and an excellent choice for applications that require the carry agent to evaporate immediately. When applied via hand sprayer or power sprayer, it will impart a light film of silicone on the surface. As a release agent, it will allow for multi-part releases without the need to re-apply.

For lubricating plastic and rubber parts/components, there is no better choice than a silicone-based product. The active ingredient of Hexa-Sil6 is Polydimethylsiloxane, which is composed of 100% synthetic material. Unlike conventional petroleum and glycol-based products, silicone fluids are compatible with virtually all plastic and rubber materials including EPDM, Neoprene, Natural Rubber, Teflon, virgin, Butyl, Nitrile, Styrene Butadiene, Buna-N, PVC, LDPE, HDPE.

Although silicones are not recommended for metal-to-metal applications, they are strongly recommended for metal-to-plastic and metal-to-rubber applications.

VOC & Environmental Specifications:

- Exempt from Federal VOC Regulations including California CARB, South Coast Air Quality Board and OTC
- Contains no CFC's or ozone depleting chemicals
- RoHS Compliant
- HAP-Free
- Contains no petroleum distillates or petroleum solvents
- Contains no Acetone

Application

- Excellent light duty lubricant for a wide range of applications
- Faster evaporating carrier than Cyclo-Sil6
- Safe to use on virtually all surfaces, including plastic, rubber, vinyls, foam and metal.
- Imparts a thin film of silicone that will provide slip, release and lubricity
- No odor and skin-safe...user friendly
- Prevents sticking on chutes, bins, walls and surfaces. Keeps material moving and prevents adhesion of greases and oils.
- Prevents glue from adhering and eliminates sticking when sprayed on rails, belts, stamps and grip fingers of labeling equipment.
- Allows cellophane, pilofilm, saran and vinyl polyethylene to move freely over sprayed surfaces.
- Will not freeze in cold weather....better choice than water-based products

Product Data

Chemical Name	Cyclomethicone, Polydimethylsiloxane
CAS No.	541-02-6, 63148-62-9
Appearance	Colorless liquid
Viscosity at 25°C	Close to water
Surface tension	Approx 18.0
Flash point-closed cup	>77°C / 170.6°F
Freeze point	-40°C
Boiling point @ 760mmHg	210°C
Vapor pressure	1.0mmHg (20°C)
Evaporation rate (buty acetate=1)	<1

Packaging

5-gallon pail.....	16kg (min order)
55-gallon drum (170kg).....	Quote upon request
Terms: F.O.B. Phila, PA U.S.A.	

CAS Information

Polydimethylsiloxane.....	CAS No 63148-62-9
Cyclomethicone.....	CAS No 541-02-6
HMDS.....	CAS 107-46-0

For More Information, Contact:

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