

CoatOSil* 2816

Description

CoatOSil 2816 coating additive is a linear methyl end-capped ABA silicone-polyether (EO/PO) block copolymer. Its balance of silicone and polyether content renders it an excellent candidate to consider for use in solvent-borne, water-borne and UV/EB cured systems for wood, industrial and auto refinishing, as well as overprint vanishes and inks.

Key Features and Typical Benefits

- Improved slip and mar resistance
- Reduced coefficient of friction (COF)
- Good compatibility with many resin systems
- Good recoatability
- Low tendency to foam

Typical Physical Properties

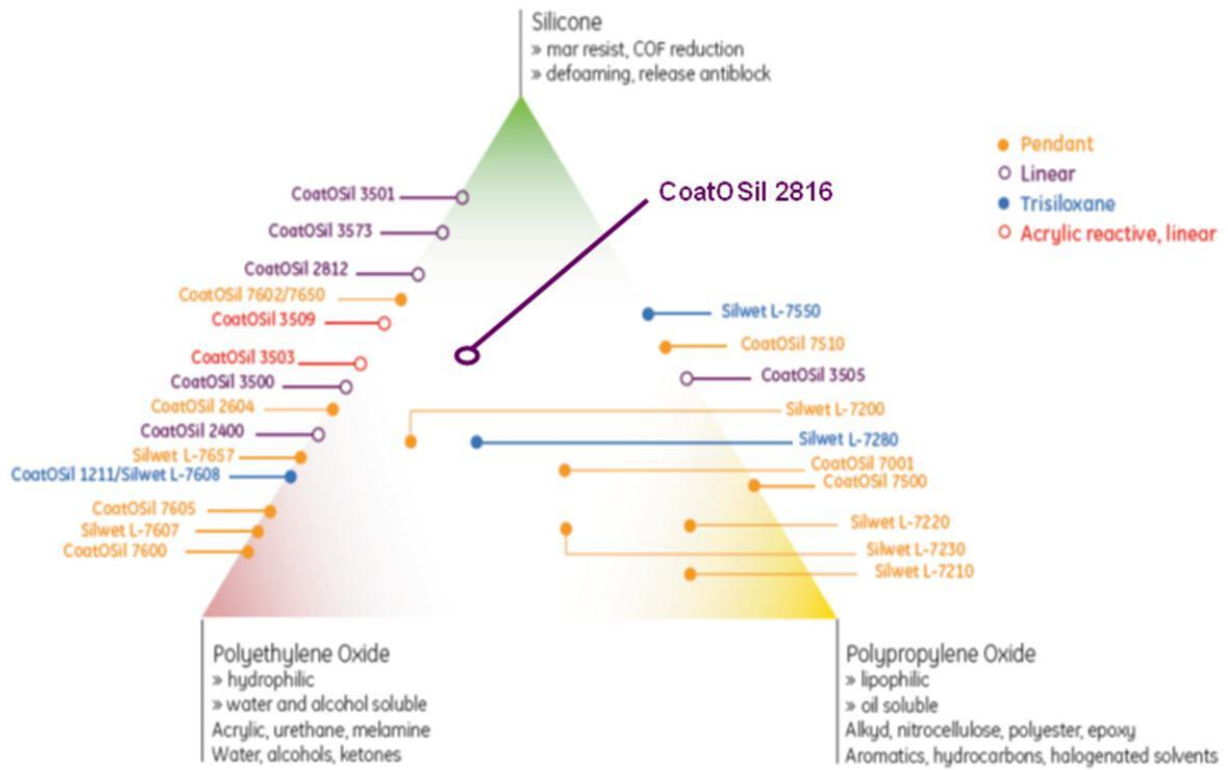
Property	Value
Appearance	yellow liquid
Non-volatile content	99+%
Molecular weight	~3000
Specific Gravity at 25 °C	1.03
Viscosity at 25 °C	~150 cSt
Refractive Index	1.439

Typical properties are average data and are not to be used as or to develop specifications.

Processing Considerations

- Typical recommended dosage is 0.02-1 percent on total formulation
- Easily incorporated with low shear mixing
- May be pre-diluted to simplify adding accurate low addition levels

Compatibility Illustration in the Triangle Diagram CoatOSil and Silwet* Products



Solubilities

D: disperse, S: soluble

mixing ratio parts by weight	1:2	1:9	1:19
Water	S	S	S
IPA	S	S	S
Butyl acetate	S	S	S
dimethylbenzene	S	S	S
Petroleum ether	D	D	D
n-hexane	D	D	D
Propylene glycol monomethyl ether	S	S	S

Patent Status

Standard copy to come

Product Safety, Handling and Storage

Standard copy to come

Limitations

Standard copy to come

Contact Information

For product prices, availability, or order placement, contact our customer service at [Momentive.com/Customerservice/](https://www.momentive.com/Customerservice/)

For literature and technical assistance, visit our website at: www.momentive.com

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