

Bluesil™ EMUL 3500

October 2017

Silicone Emulsion – Lubricant, Mold Release

Description **Bluesil™ EMUL 3500** is a general purpose; non-ionic oil in water silicone emulsion, of a high viscosity hydroxyl terminated polysiloxane.

- Applications**
- Mold release agent for technical rubber, plastics, and foundry products
 - Softener for textile finishes
 - Textile lubrication, sizing, and finishing agent
 - Additive in maintenance products: furniture polishes, car care products, products for leather maintenance
 - Lubricant

- Advantages** After drying, the **Bluesil™ EMUL 3500** film imparts the following valuable properties:
- Excellent heat stability
 - Good water-repellency
 - Excellent lubricating properties
 - Incompatibility with many organic substances

Characteristics	Appearance	Milky white liquid
	Active Ingredient	50
	Total Solids, %	52
	Emulsifier type	Non-ionic
	Specific gravity, 25°C	0.987
	pH	7
	Diluent	Water (with hardness lower than 250 ppm as CaCo3)

Please note: The typical properties listed in this bulletin are not intended for use in preparing specifications for any particular application of BLUESIL™ silicone materials. Please contact our Technical Service Department for assistance in writing specifications

Processing **Bluesil™ EMUL 3500** can be used as supplied due to its low viscosity or diluted with water. Prior to use, ensure that the product has been gently agitated until homogenous. To prepare a dilution, add water to the emulsion under moderate agitation. The specific amount of emulsion to be used depends on the desired effect for the particular application.

Packaging **Bluesil™ EMUL 3500** is available in 200 and 1000 Kg. containers. Certificate of Analysis for each lot purchased is available on request.

Storage and shelf life When stored in its original unopened packaging, at a temperature of 40 - 104°F (5 - 40°C), **Bluesil™ EMUL 3500** may be stored for 12 months from the date of manufacture. Comply with the storage instructions and expiry date marked on the packaging. Beyond this date, Elkem Silicones no longer guarantees that the product meets the sales specifications.

Bluesil™ EMUL 3500
Safety

Please read the product label for **Bluesil™ EMUL 3500** and consult the Safety Data Sheet (SDS) before handling to review hazards as well as handling and storage information. If you need to obtain the SDS for **Bluesil™ EMUL 3500** please contact your Elkem Silicones representative.

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