

This surface treatment reagent from Emulseo is a fluorophilic surface coating agent for enhanced performance and stability of aqueous droplets in fluorinated oils.

OVERVIEW

The surface treatment from Emulseo is a clear, low viscosity, low surface tension solution of a fluorosilane polymer carried in a hydrofluoroether solvent. The coating covalently bonds to a variety of surfaces (glass, PDMS, etc...) and dries in a thin film with excellent hydrophobic properties. It allows a better performance and stability of aqueous droplets formed in fluorinated oils and is adapted for use with Emulseo's surfactants and oils.

BENEFITS

- Droplet performance and stability improvement.
- Easy-to-use surface treatment.
- Reproducibility of microfluidic experiments.

HOW TO USE

For best results:

- Fill the microfluidic channels with Fluo-ST2 and flush the excess
- Place the microfluidic chip in an oven at 65°C overnight

STORAGE

The surface treatment from Emulseo can be stored at room temperature in the supplied vial for six months without deterioration in performance.

SAFETY NOTES

Wear protective gloves/protective clothing/eye protection.

For additional information, see the Material Safety Data Sheet

CONTACT

If you have any queries, please do not hesitate to e-mail us at: contact@emulseo.com