



SF 3830 Amino Silicone Fluid

Product description

SF 3830 is a medium viscosity reactive aminofunctional silicone fluid optimized to impart good softness to various fabrics. It offers durable, soft, grabby hand to broad range of woven and non woven fabrics.

Physical Properties

Silicone content	100%
Viscosity @ 25°C, cst	1500 – 2500
Appearance	Translucent
Refractive index @ 25°C	1.403 – 1.407
Amine equivalent, meq/gm	0.30 – 0.35

Application - Textile Softner

SF 3830 has proven to be suitable for softening of cotton, silk, wool, polyester, PV blends, cotton fabrics and acrylics. It offers durable softening and enhances lustre. It can be emulsified to durable micro emulsion. This is a low yellowing product and requires no catalyst.

Typical Emulsion Formulation

SF3830	20 Parts
TDA 6 mole	10 Parts
Butyl Carbitol	3 Parts
Acetic Acid	0.6 Part
Water	66.4 Parts

Emulsification:

1. Charge SF3830 into the reactor. Mix for 10 min
2. Add Butyl carbitol mix and TDA6 mix for 20 min
3. Add acetic acid viscous grease will form. Mix for 20 min.
4. Add water under slow and consatnat speed @ 60 min. Clear emulsion will form.

Storage

SF 3830 can be stored for approx. 12 months at temperatures below 50°C.

Packaging

50 kg and 200 kg drum

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LIMITED WARRANTY

Momentive Performance Materials warrants that its product will conform to Momentive Performance Materials specifications at the time of application or use. The product must be stored in accordance with Momentive Performance Materials recommendations, and used or applied before the earliest of (1) the indicated "Use Before Date", (2) one year from date of purchase, or (3) expiration of such other period or recommended storage time stated in the Momentive Performance Materials product literature. If notified, in writing, of a claim within one month of the product's use or application, Momentive Performance Materials will, at its option, replace or refund the purchase price of any Momentive Performance Materials product which does not satisfy the foregoing warranty.