



SEVEN SOURCE

SS-8101

Amino Silicone Fluid

PDS

Description

Amino Silicone Fluid SS-8101 is an amino-modified silicone that can use in the finishing processes of textile, leather, and automotive beauty industries. SS-8101 must be emulsified or diluted by a proper solvent before application

Characteristics

- Soft, smooth, and elastic touching
- Improves fabric stretch and recovery properties
- Increases fabric durability and tear strength
- Gives fabrics a softness like that of feathers

Properties

| | |
|----------------------|------------------------|
| Appearance | Clear to slightly hazy |
| Active ingredient(%) | 100.0% |
| Viscosity, 25°C, cps | 500~2000 |
| Amine Number | approx. 0.3 mg KOH/g |

Safety

This document does not contain the safety information required for the product. Please read the safety data sheet for this product before use.

Storage & packaging

When stored in its originally sealed packaging at 5°C - 40°C, this product may be stored for up to 8 months from its manufacturing date. Comply with the storage instructions marked on the packaging. Once past this expiration date, TAI COUNTY CHEMICAL no longer guarantees that the product meets the sales specifications. Product comes in 200 kg drums.

Applications

- Production of amino silicone oil emulsion, softener, a hydrophobic agent, and surface treatment agent.
- Used in the textile, leather, and automotive beauty industry finishing processes.
- Softener for woven, knitted, and non-woven natural and synthetic fibers and fabrics.

Processing

- To dilute to 30% emulsion (Filter before packaging)

| | | |
|-------------------|------|----|
| SS-8101 | :36 | KG |
| E-333(Emulsifier) | :24 | KG |
| Water | :140 | KG |
| HAC(Acid) | :0.8 | KG |

Total :200.8KG

- Add SS-8101 and E-333 into the tank. Stir mixture using medium speed (2000rpm~2300rpm) for approximately 5 mins
- Slowly pour water and stir it for approximately 10 min
- Then add HAC and mix the emulsion for 10 mins
- Usage is 1~3%, press under 160~180°C

The data provided above is to the best of our knowledge and experience and is without any warranty. Users should thoroughly test any application and independently conclude satisfactory performance before use.

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