



## SMG 55

### Silicone Emulsion for Textiles

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#### **PRODUCT DESCRIPTION:**

SMG55 is a 60% micro emulsion of amino silicone fluid for textile and garment finishing to get a rich and durable softness.

#### **KEY PERFORMANCE PROPERTIES:**

- Excellent durable softness to the fabric
- Bouncy and bulky soft feel
- Highly exhaustible.
- Free from alkyl phenol ethoxylates.
- Easy dilatable.

#### **KEY PERFORMANCE PROPERTIES:**

Property	Value
Appearance	Clear to slight hazy
Color	Colourless to straw
% Solids	56-60%
pH	4.5-6.5
Specific Gravity	0.96 -1.010
Diluents	Water
Emulsifier Type	Nonionic

#### **TYPE OF FABRICS:**

Cotton, cotton blends, woven and Polyester



### **APPLICATION:**

SMG 55 is typically applied by exhaustion, padding, spraying or by any other methods. SMG 55 is pourable and can be diluted with water for use. The optimum conditions of dilution should be defined by trial and error.

### **Dilution procedure:**

Add SMG 55 in to the beaker. Mix with the help of glass rod.

Add water under slow and constant stirring. Mix uniformly.

Filter with the help of cloth if required

**Exhaustion:** SMG55 can also be applied by exhaustion at the following conditions

Temperature : Room temperature

Time : 20-30 min

pH : 4.5-6.5

Drying : Approx for 100 degree C

Dosage : 0.5 – 1.0% OWF

### **APPLICATION PROCEDURE:**

1. Fill washing machine by water. Run for 2 min
2. Add fabrics in to the washing machine. Run for 2 min
3. Adjust the pH of bath (4.5 – 6.5) by acetic acid.
4. In separate beaker dilute SM555 with water. Filter with cloth
5. Add in to the bath. Run for 20 min

### **STORAGE AND HANDLING:**

To ensure that the product quality is maintained, the container should be tightly sealed when not in use. Store at normal room temperature, and prevent prolonged exposure to extreme heat or freezing conditions, which may cause product separation. If separation does occur, thaw if frozen, stir the contents, and use in the normal manner.



**AVAILABILITY:**

SMG 55 is available in 50Kgs cans. It may be ordered from Momentive Performance Materials, Sales office nearest to you or an authorized Momentive Performance Materials Silicones product distributor.

**Momentive Performance Materials India (Pvt.) Ltd.**

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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.