



# SANDS MINERALS

HIGH CLASS SOAPSTONE(TALC), MAGNESITE, CALCITE, DOLOMITE (LUMPS AND POWDER)

## Technical Data Sheet

### 1. Product:

- Soap Stone Powder (Steatite) and Talc

### 2. Talc Chemical Name:

- Hydrous magnesium silicate

### 3. Talc Chemical Formula:

- $Mg_3Si_4O_{10}(OH)_2$

### 4. Description:

- Talc is abundant in mineral resources and is recognized as a prevalent silicate mineral characterized by its exceptional softness and smooth texture.
- Talc is renowned for its distinction as the softest mineral.
- Talc boasts a wide array of uses beyond its tactile qualities.

### 5. Applications:

- Talc has versatile applications across various industries, including:
  - Paint
  - Rubber production
  - Papermaking
  - Pharmaceuticals
  - Packaging materials
  - Petrochemicals
- Talc serves multiple purposes, such as:
  - Acting as a refractory material.
  - Serving as a filler in rubber and paper production.
  - Acting as a lubricant.
  - Being used in cosmetics
  - Finding use in plastic products, among others



Location

**Address:** Haldwani, Uttarakhand, India - 263139

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Website



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## 6. Specification:

Specification				
Mesh	325M	500M	600M	700M
Particle Size ( $\mu\text{m}$ )	45	25	22	18
SiO <sub>2</sub> $\geq$ %	50~60	50~60	50~60	50~60
MgO $\geq$ %	25~35	25~35	25~35	25~35
Whiteness (%)	88-96	88-98	88-98	89-98
Absorption Oil Volume%	20 ~50	20 ~50	20 ~50	20 ~50
Moisture (%)	$\leq$ 0.5	$\leq$ 0.5	$\leq$ 0.5	$\leq$ 0.5
Loss of Ignition(1000°C) %	$\leq$ 6.5	$\leq$ 6.5	$\leq$ 6	$\leq$ 5
Water Solute %	$\leq$ 0.1	$\leq$ 0.1	$\leq$ 0.1	$\leq$ 0.1
Acid Solute %	$\leq$ 1.5	$\leq$ 1.5	$\leq$ 1.5	$\leq$ 1.5
Asbestos	0	0	0	0
CaCO <sub>3</sub> %	$\leq$ 0.5	$\leq$ 0.5	$\leq$ 0.5	$\leq$ 0.5
Al <sub>2</sub> O <sub>3</sub> %	0.05	0.05	0.05	0.05
Fe <sub>2</sub> O <sub>3</sub> %	0.01	0.01	0.01	0.01
Ph Value	7~9	7~9	7~9	7~9
Bulk Density	0.2-0.7	0.2-0.5	0.2	0.2



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