

MICA SCRAP



^ Mica Scrap at Bhavani Shankara Mica Mine



^ Mica scrap is cleaned and graded in several steps to ensure the quality.



^ Mica Scrap is removed from he dumps and dried on sheets. Stones are impurities are taken out.



^ This is screened on a screen with the required mesh. Here all the mud stuck on the mica gets removed.



^ Then the mica scrap is bagged, weighed and stitched and sent to the godown for stocking.

THE PREMIER MICA COMPANY
(ISO 9001 2000 CERTIFIED)



MATERIAL SAFETY DATA SHEET

1. Identification, Preparation and the Company

- Product Name : *PREMICA*
- Product Type : Mica powder, Mica flakes, Mica Scrap
- Mineral Name : Muscovite Mica

- Company Name : The Premier Mica Company
- Company Address : 38, Seethammal Road. Chennai – 600018. INDIA
- Company Telephone : +91 – 44 – 24322671

- Material Uses : Auto components – Brake Linings, Clutch facings
Filler – Paints , Plastics , Release agents
Cosmetics , Insulation , electrical

2. Composition / information on Ingredients

- Chemical Name : Mica – Potassium Aluminium Silicate
- CAS Number : 12001-26-2
- Composition Comments: Contains mainly Mica (98%)
There could be some feldspar and quartz (2%)

3. Hazards Identification

- Non Hazardous Material – Natural Mineral

4. First Aid Measures

- Eyes : Flush eyes with plenty of clean cool water.
- Inhalation : Shift to an area with clean air. If not breathing give artificial respiration following by Oxygen.
- Skin : Dust and wash with clean cool water
- Ingestion: There are no know adverse effects. Wash mouth with water and give water to drink. Do not indulge in vomiting.

5. Fire Fighting Measures

- Flammability : Non flammable – Will not form flammable dust in fire.
- Explosivity : Non Explosive – Will not form flammable dust cloud in fire.
- Extinguishing media : Any suitable material for fire.

6. Accidental Release Measures

- Leaks and Spills : Use brooms, brushes and vacuum to clean up the area. Re-bag & store.
- Personal Protection : No special requirements. Wear dusk masks if material is very fine.
- Environmental Protection: No special requirements.

7. Handling and Storage

- Do not use hooks and sharp instruments for handling bags
- Store in dry and well ventilated area.
- Do not stack more than six bags high.
- Shelf Life – Indefinite

8. Exposure Controls and Personal Protection

- No special protection is required other than what is used during handling flakes.
- When handling fine grades dust masks should be used.

9. Physical and Chemical Properties.

- Appearance : White / off-white powder, Flakes and blocks
- Product Name : Wet ground mica, Mica flakes
- Normal State : Solid
- Normal Form : powder / blocks
- Chemical Family : Potassium Aluminium Silicate

- Chemical Analysis

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<i>ELEMENT</i>	<i>% BY WEIGHT</i>
SiO ₂	42 - 45
Al ₂ O ₃	28 - 33
MgO	0.1 – 0.6
K ₂ O	7 - 11
Fe ₂ O ₃	1 - 5
Na ₂ O	0.1 – 0.6

10. Stability and Reactivity

- Stability : Stable till 600 °C
- Reactivity : Non – reactive

11. Toxicological Information

- Non – Toxic

12. Ecological Information

- Very safe and naturally occurring mineral. It is used for agriculture and a for animal feeds

13. Disposal Consideration

- Normal factory disposal procedure can be followed.

14. Transport Information

- Not applicable since the material is classified as non-hazardous.
- Label for convenience

15. Regulatory Information

- Not applicable since the material is classified as non-hazardous.

16. Other Information

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