



SUKUM IMPEX

MATERIAL SAFETY DATA SHEET

SUKUMICA-SP-1



Abstract

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MATERIAL SAFETY DATA SHEET

SUKUMICA-SP-1

1. Identification, Preparation and the Company

Product Name: SUKUMICA-SP-1
Product Type: Mica flakes
Mineral Name: Muscovite Mica
Company Name: SUKUM IMPEX
Company Address: G-6, Arihant Apartments, College
Road, BEAWAR, RAJASTHAN-305901. INDIA
Company Telephone: +91 – 9352424162
Material Uses: Auto components – Brake Linings, Clutch facing,
Specialized Coatings and Plasters for Fire
Protection / Thermal & Acoustic Insulation,
Filler – Paints, Plastics, Release agents
Cosmetics, Insulation, electrical.

2. Composition / information on Ingredients

Chemical Name: Mica – Potassium Aluminum 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.
Explosively: 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 that what is used during handling flakes.
 When handling fine grades dust masks should be used.



9. Physical and Chemical Properties.

Appearance:White / of-white Flakes, Flakes

Product Name:.....Mica flakes

Normal State:Solid

Normal Form:Flakes

Chemical Family:.....Potassium Aluminium Silicate

Chemical Analysis:ELEMENT % BY WEIGHT

SiO₂ 42 - 46
Al₂O₃ 32 – 34
MgO 0.1 – 0.6
K₂O 7 - 10
Fe₂O₃ 1 - 5
Na₂O 0.1 – 0.6

10. Stability and Reactivity

Stability:Stable till 600 oC

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

- As per IATA rule the material is classified as non-regulated.
- Label for convenience.

15. Regulatory Information

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

16. Other Information

Issue Date:.....13th JUNE 2018

