

Health & Safety Data Sheet

1. Product names

Polyimide / Mica Tape

2. General description

Tape composed by one layer of polyimide film in 0.05mm and mica.

3. Intended uses

Engineering and electrical insulation applications.

4. Chemical composition

Mica-----130~135 g/M²

Polyimide film-----71 g/M²

Silicone Resin-----10-16 g/M²

5. Reactivity data

Not applicable

6. Physical properties

6.1 Physical state: Solid

6.2 Thermal characteristics: Stable under normal conditions of use or storage

6.3 Solubility: Insoluble in water

7. Hazardous constituents

None

8. Fire and explosive hazards

These materials in the solid state are resistant to burning under normal conditions of storage and use. In a fire situation, the organic components may decompose, causing the materials to ignite. In the event of combustion, decomposition products will vary depending upon variables such as temperature and degree of combustion. Normal fire fighting procedures should be followed including use of appropriate respiratory device. Suitable precautions should be taken in the design of dust extraction / containment equipment.

9. Handling and use precautions

Avoid inhalation of dust and protect eyes during machining and cutting operations.

10. Storage and transport precautions

Storage at low temperature conditions

11. Emergency action

11.1 Fire: Extinguish with foam or CO₂

11.2 Spillage: Not applicable

11.3 Inhalation: For significant inhalation of dust or smoke, consult a doctor

11.4 Ingestion: For significant ingestion of dust or eye irritation, consult a doctor. Do not induce vomiting

11.5 Skin contact: Wash thoroughly with water to remove dust

11.6 First aid: Not applicable

12. Ecological information

Do not dispose of waste materials or dust in open air or in the water system.

13. Waste disposal

Dispose of waste in accordance with local regulation. Typically disposal of solid material by burial at an approved landfill site or by controlled incineration is recommended.

14. Other information and references

Not applicable