

MATERIAL SAFETY DATA SHEET

RT PTFE

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1. Chemical Product and Company Identification

Product Code RT PTFE
Product Description High temperature PTFE release tape - silicone adhesive
Supplier: VAC Innovation Ltd.
Wheatfield Way
Hinckley
Leicestershire
LE10 1YG

Emergency Phone Numbers: 01858 882000 07971 000458/9

2. Composition / Information on Ingredients

Components	Wt. %	CAS RN
PTFE film	60.0	N/A
Silicone adhesive	40.0	N/A

No hazardous components

3. Hazards identification

There are no Potential Health Effects under the Recommended Usage Conditions.

4. First Aid Measures

Skin: Wash affected areas with soap and warm water
Eyes: Flush eyes with copious amounts of water for 15 mins
Inhalation: Remove to fresh air, drink water to clear throat and blow nose to evacuate fibres. Administer oxygen if breathing is difficult.

Other first aid information: In all cases if irritation persists seek medical attention

5. Fire Fighting Measures

Suitable Extinguishing Media: Suitable Extinguishing Media
Water, Carbon Dioxide, Foam, Dry Powder

Special Fire Fighting Procedures: Use self-contained Breathing Apparatus if Large Quantities are Involved.
Protect from hydrogen fluoride fumes which react with water to form hydrofluoric acid. Wear neoprene gloves when handling refuse from a fire involving material.

Unsuitable Extinguishing Media: None Known.

6. Accidental Release Measures

N/A

7. Handling and Storage

Product is physiologically inert and non-toxic at normal temperatures.
Above 300 deg C some decomposition of the PTFE will occur, with the evolution of gaseous and particulate products, which are Toxic if Inhaled, can give a rise to characteristic syndrome influenza-like symptoms known as 'Polymer Fume Fever'. These symptoms subside within 24/48 hours away from further exposure with no long-term effects.

No Special Storage Requirements Needed.



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8. Exposure Controls / Personal Protection

Exposure controls for hazardous components are not applicable under recommended usage conditions.
No personal protective equipment is required under normal processing conditions.

Auto Ignition Temp: Non Flammable
Specific Gravity: 2.1 - 2.3

9. Physical and Chemical Properties

Physical state: Solid
Appearance: Adhesive tape
Colour: Grey / Bronze
Odour: None
Safety Related Information: Boiling Point/Boiling Range, Flash-point, Melting range: Not Applicable

10. Stability and Reactivity

Conditions: Use local exhaust ventilation to avoid breathing fumes evolved when processing above 300 deg C
No materials to avoid.

Hazardous Decomposition Products: Significant decomposition of PTFE occurs only above 320 deg C. The principal gases evolved are Tetrafluoroethylene (from 430° C), Hexafluoropropylene (from 440° C and Perfluoroisobutylene (from 475° C). Carbonyl Fluoride is produced above 500° C which is converted to the highly corrosive Hydrogen Fluoride in most air.

11. Toxicological Information

N/A There are no potential Health affects.

12. Ecological Information

N/A There are no known harmful effects on the environment.

13. Disposal Considerations

Waste Disposal Information: Dispose as soiled waste according to local regulations
Packaging: Dispose as soiled waste according to local regulations

14. Transport Information

UNNO: Not applicable.
Symbols: Not applicable.
No special packaging or labelling requirements for road, rail, sea or air transport.

15. Regulatory Information

N/A

16. Other Information

No other information is available