



Linear Limited, Coatham Avenue, Aycliffe Industrial Estate, Newton Aycliffe, County Durham DI-5 6DB, England Int. Tel: 44 1325 310151 UK Tel: 01325 310151

## **PRODUCT SAFETY DATA SHEET**

### **1. Identification**

Name of Product: Weatherstripping (Propile, Weatherfin, Fringe, G3, T-Foot)

### **2. Composition**

Extruded polypropylene tapes and woven polypropylene yarns.

### **3. Chemical Substance Identification**

CAS Number 95751-29-4

### **4. Hazard Identification**

Polypropylene is chemically unreactive and generally regarded as biologically inert. May be harmful if inhaled as dust or ingested in quantity. Lubricants used in processing may cause irritation to skin and eyes.

### **5. First Aid Measures**

**Eyes:** If dust or particles enter eyes, rinse thoroughly with water. If irritation persists, seek medical attention.

**Lungs:** If dust is inhaled, remove from exposure.

**Skin:** Wash off with soap and water.

**Ingestion:** Wash mouth with water. In severe cases seek medical attention.

### **6. Fire Fighting Measures**

The material is combustible. Extinguish using water, dry powder, carbon dioxide or vaporising liquids.

### **7. Fire, Ignition & Burning Characteristics**

Typical thermal properties for polypropylene raw material and finished product are: Softening temperature 147-148°C (B.S. 2782 Part 1 method 120A, I.S.O. R306)

Melting point 155-175°C

Self ignition temperature cu 375°C

(ASTM D 1929)

Oxygen index

Limiting oxygen index (%) 18

Horizontal burning rate 18-25 mm/min

B.S. 2782 Part 1 method 508A ASTM D 635)

Products of combustion

The main combustion product emitted is carbon dioxide. Carbon is released as soot. Quantities of acrolein and other aldehydes can also evolve over a limited range of temperatures.

#### 8. Accidental Release Measures

Not applicable in normal use.

#### 9. Handling and Storage

Practice normal industrial hygiene and store in clean dry conditions at temperatures between 0°C and 25°C.. The material can react with oxidising agents and should not be stored with oxidising materials.

#### 10. Exposure Controls and Personal Protection

- If process involves generation of dust, wear dust respirator.
- If process gives rise to risk of particles in eye, wear suitable eye protection. For bulk handling, rubber or plastic gloves may be worn.
- Occupational Exposure Standard: treat as nuisance dust.

Total Inhalable Dust: 10mg/m<sup>3</sup>

Total Respirable Dust: 5mg/m<sup>3</sup>

#### 11. Physical and Chemical Properties

Description: White solid Melting Point: 165°C

Insoluble in water.

**12. Stability and Reactivity**

Will react with oxidising materials, otherwise chemically inert.

**13. Toxicological Information**

Carcinogenicity not classifiable.

No evidence of carcinogenic, mutagenic or teratogenic effects.

**14. Ecological Information**

Generally regarded as biologically inert.

**15. Disposal Considerations**

Dispose in accordance with local authority instructions.

**16. Transportation Information**

Not dangerous for transport purposes.

**17. Regulatory Information**

None.

**18. Other Information**

None.

Release: October 2008

Note: The information in this data sheet is, to the best of our knowledge, correct at the time of issue, but the Company offers no guarantee as to its accuracy.

**A Member of  
LSSD**