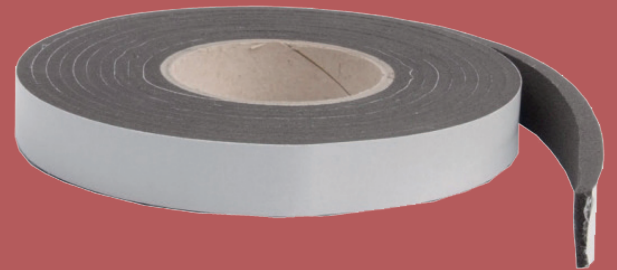


Maximum reliability. Minimum fuss.



# Safety Data Sheet



Expanding Foam Tape

**Sealing Products**

## Section 1: Identification of the article and the company

**1.1. Identification:** Expanding Foam Tape

**1.2. Use:** Professional use

**1.3. Details of the supplier of the safety data sheet:**

Fixfast Ltd  
Merlin House  
Seven Mile Lane  
Borough Green  
Sevenoaks  
Kent  
TN15 8QY

**Email of Competent person responsible for SDS:** [quality@fixfast.com](mailto:quality@fixfast.com)

**1.4. Emergency telephone:** +44 (0) 800 304 7616 (Monday - Friday, normal office hours only)

## Section 2: Hazards identification

The basic polyurethane polymer and therefore polyurethane impregnates are considered to be of low toxicity and should present no hazard from skin contact or by ingestion. Expanding foam tape contains additives of low oral toxicity and should present no hazard by skin contact or by ingestion.

## Section 3: Composition/information on ingredients

Flexible polyurethane foams are produced by the reaction between a high molecular weight polyol and toluene diisocyanate (TDI) and/or diphenyl methane diisocyanate (MDI) in the presence of catalysts, surfactants and blowing agents, resulting in a flexible cellular product having a predominantly open-celled structure. Expanding foam tape is produced by the post treatment of the polyurethane foam with a water based latex compound. This compound contains a small loading of an inert powder filler, of low oral toxicity. Expanding foam tape is supplied in sheets, rolls or cut parts.

## Section 4: First aid measures

<b>Skin contact:</b>	If persistent irritation by dust occurs, refer to a physician. Treat symptomatically.
<b>Ingestion:</b>	Refer to physician. Product is not considered toxic.
<b>Eye contact (dust or solid):</b>	Irrigate eye for at least 15 minutes.
<b>Inhalation (dust):</b>	Remove to fresh air. Refer to a physician if breathing is difficult.

## Section 5: Fire-fighting measures

<b>Extinguishing Media:</b>	All extinguishing media allowed.
<b>Extinguishing media to avoid:</b>	None.
<b>Protective equipment:</b>	Self contained breathing apparatus.
<b>Unusual fire hazards:</b>	Burning foam can generate toxic fumes.

Expanding foam tapes are highly flame retardant and even large ignition sources will not ignite them.

However, in a fire situation, although expanding foam tapes will not promote the spread of flame, they will, at high temperatures, release smoke and toxic gases. A high standard of general fire precautions, including adequate means of escape, are therefore most important.

Systems for detecting fire and/or initiating fire extinguishing appliances, e.g. sprinklers, the training of employees in the use of fire extinguishers and hose reels and the regular practise of fire drills will contribute to life safety and minimising fire damage. It is vitally important that employees are instructed on the action to take in the case of fire.

## Section 6: Accidental release measures

No special measures are required.

## Section 7: Handling and storage

No special precautions. Storage at normal temperature and humidity is recommended. In areas where expanding foam tapes are stored with flammable materials a strict no-smoking policy should be applied.

## Section 8: Exposure controls/personal protection

It is not anticipated that any skin irritation when handling expanding foam tapes will occur.

Equipment such as band-knives, slitters, etc should have sharp, smooth edge blades for cutting foam. Saw-tooth type blades will produce dust. Cutting with smooth edge band-knives will produce a large volume of dust, but adequate precautions should be taken to avoid a build up to nuisance levels, as this can cause a discomfort to nose and throat.

Cutting with saw-tooth blades will produce foam dust, which if allowed to accumulate, will produce a nuisance hazard. A high standard of housekeeping is required to remove dust deposits regularly. Local exhaust ventilation may be necessary to remove the dust formed, at source. Dust collectors used, must be fitted with explosion relief panels.

Hot-wire cutting should be avoided, this will release toxic fumes containing isocyanates into the atmosphere

## Section 9: Physical and chemical properties

<b>Form</b>	cellular solid
<b>Appearance</b>	paste
<b>Colour</b>	generally grey or black
<b>Odour</b>	odourless
<b>Solubility in water</b>	insoluble
<b>Ignition temperature</b>	> 200°C

## Section 10: Stability and reactivity

Some expanding foam tapes are flame retardant, however, in a fire situation, expanding foam tapes will, at high temperatures, release smoke and toxic gases.

Keep away from naked sources of ignition.

Hazardous decomposition products are mainly CO<sub>2</sub>, CO, and NO<sub>x</sub>, but sufficient other substances (including isocyanates and HCN) render the gaseous decomposition products toxic by inhalation

## Section 11: Toxicological information

**Effect on eyes:** Mechanical irritation only.

**Effect on skin:** None in normal individuals.

## Section 12: Ecological information

In the aquatic environment, expanding foam tape will present few problems due to its insolubility. In the soil environment, natural bacteria and fungi will aid biodegradation. Chlorofluorocarbons and other auxiliary blowing agents regulated by the Montreal Protocol and its subsequent amendments are not used in the manufacture of expanding foam tape.

## Section 13: Disposal considerations

Expanding foam tape waste should be disposed of by an authorised licensed waste disposal contractor under the Control of Pollution Act 1974. Advice on disposal can be obtained from the Local Waste Regulation Authority or an equivalent body if outside the UK.

## Section 14: Transport information

The product is not classified as hazardous for any mode of transportation under current UK/EU/UN regulations

## Section 15: Regulatory information

No labelling is currently required for this material by the Classification, Packaging and Labelling of Dangerous Substances Regulations and corresponding EC/EU/UN directives.

## Section 16: Other information

Further and more specific information can be obtained by contacting customer services at Fixfast.



Merlin House  
Seven Mile Lane  
Borough Green  
Sevenoaks  
Kent  
TN15 8QY

**Enquiries**

0800 304 7616

**International**

+44 (0) 1732 882387

**Fax**

0845 450 7486

**Email**

info@fixfast.com



Certificate number 10905  
ISO 9001, ISO 14001  
ISO 45001