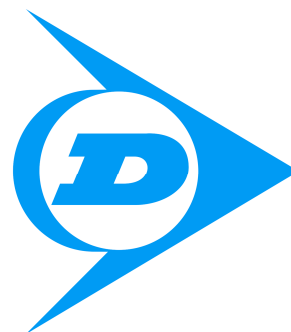




Quality  
Endorsed  
Company

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**DUNLOP FOAMS**

**MATERIAL SAFETY DATA SHEET**

PRODUCT IDENTIFICATION

<b>Product Name:</b> Flexible Polyurethane Foam, reticulated	U.N. Number:	None
<b>Other Names:</b> Reticulated foam, polyether, modified polyether and polyester types.	Dangerous Goods Class/and Subsidiary Risk:	None
	Hazchem Code:	None
	Poisons Schedule:	None

**Manufacturer's Codes:** G15M, T15, T30

**Main Uses:** Filtration, acoustic screen, cosmetics padding, industrial and fuel tank insert.

**Physical Description/Properties**

Appearance:	Flexible, cellular structure, white to off-white natural colour or specified colour. (Shade will change on exposure to air.)
Boiling Point:	Not applicable.
Melting/thermal decomposition range:	above 200°C
Vapour pressure:	None
Per cent volatiles:	None
Specific gravity:	Apparent density of 15 to 100 kg/m <sup>3</sup>
Flash point:	Above 93°C
Flammability limits:	Material can be ignited by an open flame or by a source for smouldering ignition.
Autoignition temperature:	Above 260°C short term. Avoid long term exposure over 135°C.

**Ingredients:**

Chemical entity: Polyurethane foam	CAS No.: 9009-54-5	Proportion: 100%
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Reaction product of toluene diisocyanate, water and polyester or polyether polyol. Some polyols may contain styrene and acrylonitrile polymer. May contain small amounts of inorganic fillers or plasticizer extenders. May contain small amounts of pigments.

HEALTH HAZARD INFORMATION**Health Effects:**

None expected from normal handling. Although the polymer is inert with low oral or dermal toxicity, it is not recommended that the material be taken or used internally. Inhalation of foam dust may be harmful. Temperatures of in excess of 135°C encountered in any processing or other use will produce irritating or toxic fumes.

**First Aid:**

In case of over-exposure to fumes, vapours or smoke, remove victim to fresh air. Render breathing assistance if needed and consult a physician. In case of eye irritation from contact of foam dust, fume, vapour and smoke, flush with ample quantities of water or suitable eyewash for 15 minutes.  
Consult a physician.

PRECAUTIONS FOR USE

**Exposure Limits:** Not applicable.

**Ventilation:** None required under normal conditions. Ventilation required where material is processed with flame or hot cutting wires.

**PERSONAL PROTECTION:**

**Respiratory Protection:** None required unless fumes or dust is involved.

**Protective Gloves:** None required.

**Eye Protection:** As appropriate around moving machine parts during fabrication or if dust protection required.

**Flammability:** The material should be kept away from sparks, smokers' materials, open flame and from excessive heat. Smoking should be forbidden in areas where material is stored or processed.

Foam may burn rapidly with high heat and evolution of black smoke. Flammability ratings of small scale laboratory tests are not to be taken as an indication of the material's behaviour in an actual full scale fire.

