



QPSL

LEAN, GREEN,  
SAFE & CLEAN

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## Safety Data Sheet – Rigid Profiles

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### 1. Identification of the substance/mixture and of the company/undertaking

- 1.1. uPVC extruded profiles for the building and construction industry.
- 1.2. Quantum Profile Systems Ltd  
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- 1.3. Emergency telephone numbers:  
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### 2. Hazards and Identification:

No known hazards when used for the purpose intended and installed in line with manufacturers recommendations. The use of Personal Protection Equipment (PPE) is recommended when working with the product. This product should not be disposed of by burning. Mechanical cutting and handling may create dust. High dust levels may irritate the throat and eyes. These products must not be cut by any heat generating process.

### 3. Product Composition:

Unplasticised Polyvinylchloride (uPVC)  
Inert fillers  
Flame retardants

### 4. First Aid Measures:

No special First Aid measures are required when using the product as recommended by the manufacturer.

Eyes: If dust particles enter the eye, wash with sterilised water. If symptoms persist seek medical attention.

Skin: If irritation occurs, remove contaminated clothing and wash skin with soap and water.

Inhalation: Dust particles from cutting are unlikely to be of inhalable dimensions unless power tools are used. If problems are experienced, remove to fresh air and drink water.

Ingestion: Drink plenty of water if accidentally ingested.

If any adverse reaction or discomfort continues from any of the above exposures, seek professional medical advice.

QPSL Group strives for continuous improvement in our environmental, health and safety management systems and in the environmental quality of our products, processes, and services.





**5. Fire Fighting:**

Normal fire fighting procedures should be followed.  
Use breathing apparatus and in the case of a major fire wear acid resistant clothing.

**6. Accidental Release Measures**

The uPVC profile is in solid form and poses no hazard.  
See section 8 for recommended personal protection measures.  
See 13 for disposal considerations.

**7. Handling and Storage:**

Store in dry conditions away from sources of heat. When cutting product with power tools, provide adequate localised dust extraction and respiratory and eye protection as specified in section 8.

**8. Exposure Controls/ Personal Protective Equipment**

Whilst there are no Exposure limits associated with the product the use of PPE is recommended when cutting and securing the product

Respiratory protection: No MEL applicable but if dust is generated it is recommended that a disposable face mask complying with BS EN 149 type FFP1 or FFP2 is used to improve comfort.

Eye protection: When cutting or processing with power tools, eye protection complying with BS EN 166 should be worn.

**9. Physical and Chemical Properties:**

Appearance: Rigid article

Colour: Various

Odour: Slight odour

Solubility: Insoluble in water

Decomposition: Will decompose at temperatures above 150°C

**10. Stability and Reactivity**

Stable in normal use. Avoid contact with acids and oxidising agents at temperatures above 60°C Avoid contact with Acetal Resin. If thermal decomposition of the product occurs hydrogen chloride gas will be released.

**11. Toxicology**

No known toxic effects.

**12. Ecological Information**

uPVC is considered to be ecologically benign.

uPVC does not readily decompose when weathered or exposed to micro-organisms.



**13. Disposal Considerations**

If possible recycle, otherwise disposal should be in accordance with local, state, or national legislation. Bury in an authorised landfill site or incinerate under approved controlled conditions. Combustion will release Hydrogen Chloride.

**uPVC is highly recyclable and accepted by licensed trade recyclers throughout the UK.**

**14. Transport Information**

Not classified as hazardous for transport

**15. Regulatory Information**

This product does not normally present a danger to human health by inhalation, ingestion or contact with the skin in the form in which it is supplied and used as recommended by the manufacturer.

**16. Other Information**

This data sheet does not constitute a workplace risk assessment.

This safety Data Sheet has been prepared by Quantum Profile Systems Ltd on the basis of its best knowledge and on information available to date. It does not constitute a specification.

Quantum Profile Systems Ltd gives no guarantee and disclaims responsibility for individual items being incomplete or incorrect. Furthermore, Quantum Profile Systems Ltd gives no guarantee that all possible security measures are contained herein, nor gives any guarantee that additional security measures may not be required under particular or exceptional circumstances.

It is the responsibility of the user to observe national or local safety regulations – in no case can Quantum Profile Systems Ltd accept any responsibility for a failure to observe such regulations.