

## Safety Data Sheet – Qwood

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**1. Identification of the substance/preparation and company:**

1.1 Wood plastic composite extruded profiles for the building industry.

1.2 Quantum Profile Systems Ltd.

Salmon Fields

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1.3 Emergency Address/Tel no: As above

**2. Hazards Identification**

Non hazardous in finished form. Mechanical cutting will create dust which may irritate the throat and eyes. These products must not be cut by any heat generating process.

**3. Product Composition:**

Unplasticised polyvinylchloride with a blend of spruce and beech wood fibres and blowing agent.

**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.

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.

**5. Fire Fighting:**

Suitable extinguishing media – water, foam carbon dioxide or dry powder.

Products of combustion – carbon dioxide, carbon monoxide and hydrogen chloride.

Use breathing apparatus and in the case of a major fire wear acid resistant clothing.

**6. Accidental Release Measures**

The product is in solid form and poses no hazard. 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.

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

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 closed cell wood plastic profile

Colour: Natural

Odour: slight wood odour

Solubility: Insoluble in water

Decomposition: Thermal decomposition is dependant on both time and temperature but will occur with increasing rapidity 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 occurs hydrogen chloride gas will be released.

**11. Toxicology**

Qwood is non-toxic and not irritating to the skin or eyes. Harmful effects are unlikely in the condition of normal use.

**12. Ecological Information**

PVC compositions are considered to be ecologically benign and 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.

Disposal by burial in an authorised landfill site or by incineration under approved controlled conditions is acceptable. Combustion will evolve toxic gases.

**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.

S36/37 Wear suitable protective clothing and gloves.

#### **16. Other Information**

This data sheet does not constitute a workplace risk assessment.

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