

Product Safety Data Sheet

1. Identification

Product Name & Part № Cellular PVCu Building Products	Form Solid Profile
Suppliers Name & Address Kalsi Plastics Kalsi House 5 Tomey Road, Birmingham B11 2NJ	Emergency Telephone № Day: 0121 693 0373

2. Composition

Chemical Names & Synonyms Ingredients Composition of Polyvinyl Chloride (PVC) Tin stabilised formulation	TLV or other limits None
---	------------------------------------

3. Health Hazard

	Effects of Short term Exposure	Effects of long Term exposure	1st detectable Signs of over exposure
IF INHALED		Not applicable	
IF SWALLOWED		Although the product is inert and can be regarded as harmless, certain compounds may contain additives, which could be harmful, and ingestion is not recommended.	
IF ABSORBED THROUGH SKIN		Not applicable	
ON SKIN		Not considered to be a skin irritant	
IN EYES		Although not harmful, dust particles caused by cutting the product may cause physical irritation if they get into the eyes.	

'NO HAZARD KNOWN' Indicates that the substance has been tested and no hazards found.

'NO INFORMATION' Indicates that the substance has not been tested.

4. References

5. Emergency and First Aid Procedure Over Exposure

EYES	Not applicable
SKIN	Not applicable
INHALED	Not applicable
SWALLOWED	Not applicable
INFORMATION FOR DOCTOR	Not applicable
SPILL	Protective Measures
Clean-up Method	Not applicable
Not applicable	

Disposable Method & Statutory Controls:
Controlled by the Control of Pollution Act 1974. Dispose in suitable dumpsite. Always check with Local Authority Waste Disposal Officer. Do Not Incinerate.

Potential Environmental Hazard:
Not applicable

Fire

Unusual Hazards & Special Precautions
Avoid Inhalation of decomposition fumes. Retreat Immediately to fresh air if fumes

Combustion Products & Hazards
Carbon Dioxide. Carbon Monoxide
Hydrogen Chloride. Minor quantities of Inhaled.
Organic by-products.

Fire Fighting Procedures:

Firefighting personnel to wear acid resistant clothing and full-face masks. Inform fire brigade that PVC compositions are involved. When fire has been extinguished increase ventilation to clear fumes.

Extinguisher Type:

Water/Foam/Dry Powder. Use CO₂ near live electrical equipment.

Flash Point:

Not applicable

Auto Ignition Temperature:

Not known. Under conditions of storage PVC does not support combustion.

6. Control Measures Other Than Personal Protection (is local exhaust ventilation required?)

Measures

- 1 No control measures required in solid inert state.
- 2 Avoid inhaling dust if product is cut. PVC compositions may contain toxic stabilisers/pigments etc. Institute of Occupational Medicine reported no evidence of lung damage from inhalation of PVC dust. See section 7 - Personal Protection.
- 3 Additional information in Health & Safety Executive Guidance Note - "Control of Exposure to PVC Dust"

7. Personal Protection

INHALATION: See Section 5 - Fire. Protective dust masks and goggles are advisable wherever grinding, granulation, or machining operations are carried out. Dust should not be allowed to accumulate, and a high standard of housekeeping should be maintained.

8. PHYSICAL DATA

Boiling Point	Vapour Pressure	Specific Gravity
Not applicable	Not applicable	Varies between 0.5 – 0.75
Vapour Density	Melting/freezing pt	% Volatiles
Not applicable	Above 200°C	Not applicable

9. Storage

Storage & Handling Measures	Follow normal good safety practice when handling long, heavy goods
Special Container Design & Materials	Not applicable

10. Reactivity data

Conditions Contributing to Instability	Fire. See Section 5
Incompatibility with Other Products	Not known
Hazardous Decomposition Products	Major gaseous products of decomposition are Carbon Dioxide, Carbon Monoxide, Hydrogen Chloride. Many other decomposition products identified, but they do not present any additional hazard to that of the Carbon Monoxide and Hydrogen Chloride.
Conditions Contributing to Hazardous Polymerisation	

11. Special Precautions

Not applicable

12. Legal Requirements

Not applicable.

13. **IMPORTANT:** This information is offered in good faith. Although reasonable care has been taken in the preparation of this information, Kalsi Plastics MAKES NO WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED, CONCERNING THE ACCURACY OR COMPLETENESS OF THIS INFORMATION AND DATA, and assumes no responsibility for its application to purchaser's intended purposes. If the purchaser alters the product in such a manner as to create wood dust, then this is the purchaser's responsibility. Normally recommended industrial hygiene, engineering practices and safe handling procedures are believed applicable and should apply.