PRODUCT SAFETY DATA SHEET

Finished Architectural Moulding Profiles

Supplier: Ezybuild Architectural Mouldings	**Address:** 36 Carrington Rd, Guildford NSW 2161
Phone: 02 9725 5766	**Email:** sales@ezybuild.com.au

EMERGENCY: Call 000 for fire or medical emergency. Poisons Information Centre: 13 11 26. Product enquiries: 02 9725 5766.

1. PRODUCT IDENTIFICATION AND COMPOSITION

Product: Ezybuild Architectural Mouldings - rigid, shaped facade profiles.

Use: Decorative external architectural mouldings installed to Ezybuild specifications. Not structural or load-bearing.

Composition: High-density expanded-polystyrene core, cured smooth polymer-modified acrylic cementitious coating and alkali-resistant woven continuous-filament glass-fibre reinforcement.

2. MAIN HAZARDS

The intact cured article is not classified as hazardous based on available information. Hazards mainly arise during cutting, sanding, grinding, demolition or fire.

- Processing may release foam particles, mineral dust, respirable crystalline silica and glass-fibre fragments.
- Dust may irritate eyes, skin, nose, throat and lungs. Repeated RCS inhalation can cause silicosis, lung cancer and other serious disease.
- Foam core is combustible. Fire can produce dense smoke, carbon monoxide, carbon dioxide, styrene and other toxic or irritating decomposition products.

3. FIRST AID

Inhalation: Move to fresh air. Keep at rest. Seek medical advice if symptoms persist; call 000 for breathing difficulty.

Eyes: Flush with clean water for at least 15 minutes. Do not rub. Remove contact lenses if easy. Seek attention if irritation persists.

Skin: Do not rub or scratch. Wash gently with cool water and mild soap. Remove contaminated clothing.

Ingestion: Rinse mouth, do not induce vomiting, give water if conscious and seek advice if unwell.

4. FIRE, BREAKAGE AND CLEAN-UP

Fire: Use water fog, foam, dry chemical or carbon dioxide. Firefighters require full protective clothing and positive-pressure breathing apparatus.

Clean-up: Collect intact pieces manually. For dust, use wet methods or a suitable high-efficiency vacuum. Do not dry sweep or use compressed air. Prevent fragments entering drains or waterways.

5. CUTTING CONTROLS AND PPE

- Plan work to minimise cutting. Use wet cutting and/or effective on-tool local exhaust extraction.
- Use safety glasses with side shields; sealed goggles or face shield for dusty work.
- Wear gloves, long sleeves, long trousers and enclosed footwear.
- For dust-generating work, use a fit-tested P2 respirator or higher protection selected by a risk assessment. RPE must not replace engineering controls.
- Current Australian RCS exposure standard at issue date: 0.05 mg/m3, 8-hour TWA. Confirm applicable state/territory limits and requirements.

6. HANDLING AND STORAGE

- Support long profiles and handle carefully to prevent breakage and exposed reinforcement.
- Store flat or adequately supported, cool, dry and protected from weather, impact and direct sunlight.
- Keep away from flame, hot work, strong heat, oxidisers and solvents that attack polystyrene.
- Do not eat, drink or smoke in dusty areas. Wash hands and exposed skin after handling.

7. PROPERTIES, STABILITY AND TRANSPORT

Appearance: Rigid shaped profile with a smooth, light grey mineral/polymer coating. Solid, insoluble in water, no to slight odour.

Stability: Stable under recommended conditions. Avoid excessive heat, ignition and incompatible solvents.

Transport: Carry materials on their side to reduce breaking or cracking. Not regulated as dangerous goods under ADG, IMDG or IATA based on available information. Secure and protect from damage and heat.

8. DISPOSAL AND ENVIRONMENTAL CONTROLS

- Reuse or recycle clean offcuts where an approved facility accepts them.
- Bag or contain dust and fragments. Dispose through an authorised contractor in accordance with local requirements.
- Do not burn. Keep dust, foam and glass/mineral fragments out of drains, waterways and soil.