

# MATERIAL SAFETY DATA SHEET

## MSDS

### CENTURY TRIM

#### 1. Product Identification and Supplier

Product: Extruded Styrene Polymer  
Product name: Century Trim, Boards, Siding, and Moulding  
Product type: Extruded styrene polymer trim, siding and profile mouldings

Supplier: Asia Building Materials Ltd.  
Address: Suites 1201-4, Tower 2, The Gateway,  
25-27 Canton Road, TST,  
Kowloon, Hong Kong

#### 2. Composition/ Ingredients

Substances: Styrene homopolymer, Talc, Impact Modifier, EPS (Expanded Polystyrene), UV Stabilizers, Foaming Agent, Color Agent

#### 3. Chemical/Physical Properties:

Physical state: Solid – various shapes  
Color: Varies to suit requirements  
Odor: Insignificant odor  
Density: 0.3 to 0.75  
Softening point: 195 Degrees F  
Flash point: 482 Degrees F  
Melting point: 284 Degrees F  
Water Solubility: Insoluble  
% Volatile: None

#### 4. Fire & Explosion Hazard Information

Combustible: Yes

Explosive: No

Specific hazards: Carbon oxides, hydrocarbons, styrene monomer, and benzene may be evolved if combustion occurs. Fire will produce irritating smoke and soot.

Extinguishing

Media: Water (spray), foam, or fog. Dry chemical powder, CO<sub>2</sub>, sand or Earth may be used for small fires only.

Unsuitable

Extinguishing

Media: Water in a jet.

Protective

Equipment: Full protective clothing and self-contained breathing apparatus.

<b>5. Reactivity Data</b>
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Stability: Stable

Incompatibility: None known

Conditions to

avoid: None known

Hazardous

decomposition

products: Toxic fumes generated by combustion.

<b>6. Health Hazard Data</b>
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**This product is defined by OSHA as an article and will not result in exposure to hazardous chemicals/materials under normal and intended use.**

Exposure from burning by inhalation, skin, and/or eye contact.

Inhalation: Remove to fresh air. Seek medical attention.

Skin: Molten material on the skin should be cooled rapidly with cold water, but not removed when cooled. Seek medical attention.

Eyes: Flush with water. If serious irritation develops, seek medical attention.

**None of the ingredients of this product or byproducts from cutting or burning have been shown to be carcinogenic. Nuisance dust may be irritating to the eyes or respiratory track.**

Toxicological/  
Ecological  
Information Basis

for assessment: Information given is based on knowledge of the constituents and the toxicology/eco- toxicology of similar substances.

Acute toxicity –

Oral: LD50:>2000mg/kg

Acute toxicity –

Dermal: LD50:>2000mg/kg

Eye irritation: Non-irritating

Skin irritation: Non-irritating

Skin sensitization: Not a skin sensitizer

Mobility: Floats in water

Persistence/

degradability: Not readily biodegradable

Bioaccumulation: Does not bioaccumulate

Eco-toxicity: Not toxic at the limit of water solubility

Sewage treatment: Not toxic at the limit of water solubility

## **7. Safe Handling, Use, Storage, and Disposal**

Handling: Avoid contact with heated product unless wearing suitable gloves.  
Avoid contact with molten product entirely.  
Avoid breathing dust when sawing or machining.  
Avoid generation or accumulation of dusts.  
Take precautionary measures against static discharges.  
Wear safety glasses when sawing or machining.  
Saw or machine in a well-ventilated area.

Storage: Must be stored internally - away from extreme heat or open flame.

Temperatures: Ambient

Product

Transfer: No special measures

Product

Disposal: Waste material should be disposed in accordance with local, State, and Federal guidelines and regulations. Recover or recycle if possible. Otherwise incineration.

Local legislation: Not classified as chemical waste.

## **8. Control Measures/ Personal Protection:**

Occupational

Exposure limit: No special requirements

Sawing or

Machining: Ventilate or vacuum for nuisance dust control

Respiratory

Protection: Not normally required. If risk of dust inhalation wear general purpose dust respirator.

Hand protection: No special requirements. Wear gloves if handling heated product.

Eye protection: Wear safety goggles or glasses when cutting or working material

Body protection: Standard issue work clothes and safety shoes.

## **9. Storage and Shipping**

This product is not dangerous or hazardous for conveyance under UN, IMO, ADR/RID and IATA/ICAO codes. Non-hazardous for general storage or ground or air transportation.

**DISCLAIMER:** The information contained in this MSDS sheet is believed to be accurate and complete. The information is based on our current knowledge and is intended to describe the product for the purpose of health, safety, and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. Unknown hazards may exist and Asia Building Material Limited does not warranty, guarantee, or assume any liability for the accuracy or completeness of this MSDS information.