

Document: Safety Data Sheet (SDS)  
Product: Cavi-Break®  
Country: Australia

Version: 1.0  
Date of Issue: 22-Apr-2023

## 1. IDENTIFICATION

Product Identifier: XPS - Extruded Polystyrene  
Product Code: ATICB120070  
Recommended Use: Thermal insulation,  
construction, and various other applications  
Supplier Details: Australian Thermal Industries  
P/L PO Box 188 Wynnum, QLD, 4178

General Enquiries: 1300 430 949  
Emergency Contact: 000

## 2. HAZARD IDENTIFICATION

Classification: Non-hazardous substance,  
non-dangerous goods

GHS Pictograms: None

Signal Word: None

Hazard Statements: None

Precautionary Statements:  
- P102: Keep out of reach of children  
- P103: Read label before use

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Entity: Extruded Polystyrene (XPS)  
CAS Number: 9003-53-6

## 4. FIRST AID MEASURES

Inhalation: Move affected person to fresh air. If symptoms persist, seek medical attention.

Skin Contact: Wash affected area with soap and water. If irritation persists, seek medical attention.

Eye Contact: Flush eyes with water for at least 15 minutes. If irritation persists, seek medical attention.

Ingestion: Rinse mouth with water. Do NOT induce vomiting. If symptoms persist, seek medical attention.

## 5. FIREFIGHTING MEASURES

Suitable Extinguishing Media: Water, foam, dry chemical, or carbon dioxide (CO<sub>2</sub>)

Specific Hazards: XPS can release toxic and irritating gases, such as carbon monoxide, carbon dioxide, and trace amounts of styrene, during combustion.

Special Protective Equipment for Firefighters: Firefighters should wear self-contained breathing apparatus (SCBA) and full protective clothing.

## 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear appropriate personal protective equipment (PPE) and avoid creating dust.

Environmental Precautions: Prevent material from entering drains or waterways.

Methods for Containment and Clean-Up: Sweep or vacuum spilled material, and place in a suitable container for disposal. Dispose of waste material according to local regulations.

## 7. HANDLING AND STORAGE

Handling: Avoid breathing dust and contact with eyes, skin, and clothing. Use with adequate ventilation.

Storage: Store in a cool, dry, and well-ventilated area, away from sources of ignition, heat, and direct sunlight. Keep away from incompatible materials.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines: No specific exposure limits are available for XPS.

Engineering Controls: Ensure adequate ventilation.

Personal Protective Equipment (PPE):

- Eye/Face Protection:

Wear safety glasses with side shields or goggles.

- Skin Protection:

Wear protective gloves and long-sleeve clothing.

- Respiratory Protection:

If dust is generated, wear a dust mask.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Rigid foam sheets or boards, typically blue, pink, or green

Odour: Odourless

pH: Not applicable

Melting Point/Freezing Point: >240°C (decomposes)

Boiling Point/Boiling Range: Not applicable

Flash Point: >300°C

Upper/Lower Flammability Limits: Not applicable

Autoignition Temperature: >400°C

Solubility in Water: Insoluble

## 10. STABILITY AND REACTIVITY

Reactivity: XPS is stable under normal conditions of use.

Chemical Stability: Stable under normal storage and handling conditions.

Possibility of Hazardous Reactions: None under normal conditions.

Conditions to Avoid: Exposure to heat, open flames, and ignition sources.

Incompatible Materials: Strong acids, strong bases, and strong oxidising agents.