

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: ati1200
Recommended Use: Thermal insulation,
construction, and various other applications
Supplier Details: Australian Thermal Industries
P/L PO Box 111 Runaway Bay, QLD, 4216

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 vomit-
ing. If symptoms persist, seek medical attention.

5. FIREFIGHTING MEASURES

Suitable Extinguishing Media: Water, foam, dry chemical,
or carbon dioxide (CO₂)

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.