

**SAFETY DATASHEET****BOSS Cable Transits CT120 & CT240***Issue Date: 30/8/2019**Review Date: 30/8/2024*

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**1. SUBSTANCE IDENTIFICATION**

<b>Product Name</b>	BOSS Cable Transits CT120 & CT240 (Also known as CT120, CT240)
<b>Product Code</b>	CT120, CT240
<b>Use/Description</b>	Intumescent composite based on graphite intumescent material inside a steel enclosure, designed to provide high volume expansion and pressure seal

**2. COMPOSITION**

<b>Contains</b>	Thermoplastic element composition containing intercalated graphite in a synthetic compound with the addition of fillers and process oils, housed in steel
<b>Hazardous Components</b>	Non-hazardous substance, Non dangerous goods

**3. HAZARD IDENTIFICATION**

<b>Main Hazards</b>	None under normal operating conditions. No hazards present.
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**4. FIRST AID MEASURES (SYMPTOMS)**

<b>Skin Contact</b>	May be mild irritation at the site of contact
<b>Eye Contact</b>	May be mild irritation and redness
<b>Ingestion</b>	May be mild irritation to throat
<b>Inhalation</b>	N/A – solid state

**5. FIRST AID MEASURES (ACTION)**

<b>Skin Contact</b>	Wash with plenty of soap and water. If irritation persists seek medical advice.
<b>Eye Contact</b>	Bathe with water for 15 minutes, seek medical advice
<b>Ingestion</b>	Wash out mouth with water, do not induce vomiting. Seek medical advice.
<b>Inhalation</b>	N/A

**6. FIRE FIGHTING MEASURES**

<b>Suitable Extinguishers</b>	All standard fire-fighting media. Carbon dioxide; powder; water spray/mist. Fight larger fires with water spray or alcohol resistant foam.
<b>Special Hazards</b>	Formation of toxic gases (carbon oxides, nitrogen oxides) is possible during heating or in case of fire.
<b>Protective Equipment</b>	Breathing apparatus is required

**7. ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautions</b>	In the event of fire ensure sufficient ventilation
<b>Environmental Precautions</b>	Do not discharge into drains or rivers
<b>Clean-up Procedures</b>	No special measures necessary

**8. HANDLING & STORAGE**

<b>Handling Requirements</b>	No special requirements, keep away from food and drink
<b>Storage Conditions</b>	Store in cool dry place below 35°C. Keep in a well-ventilated area, off the ground.
<b>Suitable Packaging</b>	No special requirements

**9. EXPOSURE CONTROL & PERSONAL PROTECTION**

<b>Exposure Control</b>	N/A
<b>Respiratory Control</b>	N/A
<b>Hand Protection</b>	Protective gloves
<b>Eye Protection</b>	Protective glasses with side shields
<b>Skin Protection</b>	None

### 10. PHYSICAL & CHEMICAL PROPERTIES

<b>State</b>	Steel cylindrical or square tube lined with black intumescent
<b>Colour</b>	Steel casing is red, intumescent is black
<b>Odour</b>	Odourless
<b>Solubility in Water</b>	Insoluble
<b>PH</b>	Not applicable
<b>Melting Point</b>	Increase in volume by a factor of >25 at 180 degrees C

### 11. STABILITY & REACTIVITY

<b>Stability</b>	Stable under normal conditions
<b>Conditions to Avoid</b>	Thermal decomposition above 300°C
<b>Haz. Decomp. Products</b>	Thermal decomposition, fumes contain hydrogen chloride. However the activated graphite is effective at removing aromatic particles from smoke emissions.

### 12. TOXICOLOGICAL INFORMATION

<b>Acute Toxicity</b>	None known
<b>Skin Corrosion / Irritation</b>	No irritant effect
<b>Serious Eye Damage / Irritation</b>	No irritant effect
<b>Sensitisation</b>	No sensitizing effects known

### 13. ECOLOGICAL INFORMATION

<b>Ecotoxicity Values</b>	Not known
<b>Persistence and Degradability</b>	Not known
<b>Bioaccumulative Potential</b>	Not known
<b>Mobility</b>	Not known. Generally not hazardous for water.
<b>PBT Identification</b>	Not applicable
<b>Other Adverse Effects</b>	No specific adverse effects known

### 14. DISPOSAL CONSIDERATIONS

<b>Disposal Operations</b>	Dispose of in accordance with local authority requirements Do not discharge into drains or water ways
<b>Disposal of Packaging</b>	Dispose of as normal industrial waste according to local or national legislation

## 15. TRANSPORT HAZARDS

<b>Transport Hazards</b>	No regulations apply for the transport of this material Not classified as hazardous road, rail, sea or air transport
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## 16. ADDITIONAL INFORMATION

<b>Disclaimer</b>	The information provided in this safety data sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage transportation, disposal and release and is not considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in the text.
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### LIMITATION

BOSS Passive Fire Pty Ltd has provided the above technical information in good faith and to the best of its knowledge. This information was deemed to be correct at the time of publication. Should any data come to BOSS Passive Fire's attention relating to the fire resistance or performance of the product described BOSS Passive Fire reserve the right to amend this report.

BOSS Passive Fire strive to constantly improve and develop products so this information may change without notice.

The information contained herein has been developed as a guide only and it does not constitute a guarantee of compliance of all applications. Each project and/or application may have specific requirements and you should investigate these carefully. Ensure that you have read and understood the appropriate certification relative to your needs, and ensure you seek acceptance from the Certifying Authority or compliance inspector before installation. For updates on the range of BOSS Fire® certification please contact BOSS Technical Services on +61 2 9531 8591.

### FURTHER INFORMATION

For additional technical information on the performance of BOSS Cable Transit CT120 & CT240, other BOSS Fire® products or any other BOSS Fire® related information please contact us on:

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