



## **MATERIAL SAFETY DATA SHEET**

### **G101-123 COMPOUND**

**ISSUE DATE:** 31<sup>ST</sup> July 2008

#### **1- Identification of Substance**

1.1 Commercial Name: G101-123

1.2 Type of product: Cable box filler

1.3 Supplier: Prysmian Cables and Systems,  
Components Unit

1.4 Address: Oak Road, Wrexham Industrial Estate,  
Wrexham, LL13 9PH

1.5 Telephone: 01978 66 2375

1.6 Fax: 01978 66 2410

1.7 Emergency Number: 01978 66 2216

1.8 E-mail: [dave.lamb@prysmian.com](mailto:dave.lamb@prysmian.com)

#### **2- Hazards identification**

Bitumen at ambient temperature presents no acute or chronic health hazards. However bitumen is normally handled at elevated temperatures. In this heated state, hydrogen sulphide fumes are evolved which are undesirable to inhale.

#### **3- Information on ingredients**

Bitumen – 100%

#### **4- First aid procedures**

*Inhalation:* Remove to fresh air. If breathing has stopped, administer artificial respiration. Obtain immediate medical attention.

*Skin Contact:* Flush immediately with cold water. DO NOT ATTEMPT TO REMOVE SOLIDIFIED BITUMEN. Obtain immediate medical attention.

*Eye Contact:* Flush immediately with cold clean water. DO NOT ATTEMPT TO REMOVE SOLIDIFIED BITUMEN. Obtain immediate medical attention.

*Ingestion:* Ensure airways are not obstructed. Obtain medical attention.

#### **5- Fire fighting measures**

*Extinguishing media:* Foam, dry powder, carbon dioxide, sand or earth. Do not use water jet.

*Decomposition products:* Hydrogen sulphide fumes

*Protective equipment:* Wear self-contained breathing apparatus in the event of a large fire.

#### **6- Accidental release measures**

Stop flow of released material. Extinguish all naked flames and cigarettes. Spills should be mopped up immediately with an absorbent material such as sand, earth etc. Prevent spills from entering water courses.

#### **7- Handling and storage**

*Handling:* Use appropriate protective equipment if heating or diluting bitumen

*Storage:* Should be stored under cover in dry conditions.

#### **8- Exposure controls**

UK Occupational Exposure Standard EH40 – Bitumen Fume 5mg/cm<sup>3</sup> 8 hour TWA

*Respiratory:* Not necessary at ambient temperature. At elevated temperatures suitable respirators may be required, particularly in confined spaces.

*Skin:* Neoprene or leather gauntlets with cotton inner linings. Appropriate overall protection

*Eyes:* Full face visor if heating or diluting product.

## **9- Physical and chemical properties**

*Physical state:* Black/brown solid

*Odour:* Characteristic

*Solubility in water:* Negligible

*Density:* Approximately 1.0 – 1.5 g/cm<sup>3</sup> @20°C

*Flash Point:* >200 °C (min)

*Boiling Point:* >400 °C

## **10- Stability and reactivity**

Stable under normal conditions. Avoid excessive heat. Avoid contact with strong oxidants such as liquid chlorine and concentrated oxygen.

*Hazardous decomposition products:* Oxides of carbon, nitrogen and sulphur. Hydrogen sulphide and particulate matter.

## **11- Toxicological information**

Negligible toxicity at normal handling temperatures. Fumes evolved at elevated temperatures may irritate eyes and respiratory system. Avoid breathing mists or vapours.

Hot splashes may cause permanent tissue damage.

## **12- Ecological information**

The slow rate of bio-degradation can cause interference with the normal functioning of ecological cycles.. Bitumen should, therefore, be contained and spills avoided.

## **13- Disposal considerations**

Disposal should be at a licensed waste site in accordance with local and national regulations.

## **14- Transport information**

Only classified as hazardous for transport when carried by road or rail at temperatures exceeding 100°C

## **15-Regulatory information**

No requirements for labelling

## **16- Other information**

This Material Safety Data Sheet is compiled in accordance with REACH regulations EC 1907/2006



**WWW.CABLEJOINTS.CO.UK**

**THORNE & DERRICK UK**

**TEL 0044 191 490 1547 FAX 0044 477 5371**

**TEL 0044 117 977 4647 FAX 0044 977 5582**

**WWW.THORNEANDDERRICK.CO.UK**