



MATERIAL SAFETY DATA SHEET

BX1 INHIBITOR COMPOUND

ISSUE DATE: 30th JUNE 2011

1 Identification of substance

- 1.1 Commercial name: BX1 Inhibitor compound
- 1.2 Type of product: Corrosion inhibitor in electrical joints / connections
- 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

2 Hazards identification

Eyes: May cause irritation

Skin: May cause irritation after prolonged exposure

Ingestion: May cause diarrhoea

Inhalation: Viscous nature may cause respiratory blockage if inhaled.

3 Information on ingredients

Petroleum oil 50%

Zinc Dust 50%

4. First aid procedures

Inhalation: Clear air passage. Seek medical help if respiratory difficulty persists.

Skin Contact: Remove contaminated clothing and launder before re-use. Wash with skin cleanser followed soap and water. If necessary, seek medical attention.

Ingestion: Wash out mouth immediately. Seek medical help

Eye Contact: Flush eyes with plenty of water until residual material is gone. Seek medical advice if irritation persists

5. Fire fighting measures

Extinguishing media: Water mist, dry powders, carbon dioxide alcohol foam, sand or earth. Do not use water jet

Protective equipment: Wear self-contained breathing apparatus

6. Accidental release measures

Personal precautions: Wear gloves and protective overalls

Environment: Do not allow to enter water courses

Spillage: Scrape up bulk, wipe up remainder and cover surface with absorbent material (diatomaceous earth) to avoid slippage hazard.

7. Handling and storage

Handling: No special requirements. Product has indefinite shelf life if stored in original container

Storage: Do not store at elevated temperatures

8. Exposure controls

Respiratory: Not required under normal conditions

Ingestion: Low possibility during normal use. Wash hands after use

Skin Protection: Protective gloves should be worn

Eye Protection: Safety goggles

9. Physical and chemical properties

Appearance: Grey semi-solid paste

Odour: Faint petroleum

Specific Gravity: 1.78 g/cm³

Boiling Point : 316°C

Flash Point: 221°C

Auto-flammability: Above boiling point

Explosive properties: Upper limit 7%, Lower limit 0.9%

Solubility in water: Negligible

10. Stability and reactivity

Stability: Stable under normal conditions

Conditions to avoid: Powerful sources of ignition.

Materials to avoid: Strong inorganic and organic acids and oxidising agents

Hazardous Decomposition: Smoke, airborne soot, hydrocarbons and oxides of carbon. Residue comprises soot and metal oxide.

11. Toxicological information

Skin: Very mild irritant

12. Ecological information

May generate oil fractions that could act as a marine pollutant in extreme cases (highly unlikely)

13. Disposal considerations

Do not incinerate. Disposal as per local regulations (approved landfill) by a licensed operator

14. Transport information

UN No 3077

IMCO Class 9

Packing Group III

ADR/RID Class 9

Paste containing Zinc 50% powder

Environmentally hazardous substance. Marine pollutant.

15. Regulatory information

CHIP22: Harmful if swallowed

16. Other information

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