



MATERIAL SAFETY DATA SHEET

PRYSMIAN SOLDERING FLUX (CORALINE)

ISSUE DATE: 16th November 2010

1 Identification of substance

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| 1.1 Commercial Name: | Prysmian Soldering Flux (Coraline) |
| 1.2 Type of product: | Soldering flux for electrical 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

- | | |
|---------------|--|
| Inhalation: | Inhalation of dust will produce irritation to gastro-intestinal or respiratory tract characterised by burning, sneezing or coughing. Over-exposure by inhalation may cause respiratory irritation. |
| Ingestion: | May cause burns to mouth, throat and stomach. |
| Skin Contact: | Corrosive in contact with skin |
| Eye Contact: | Corrosive effect after eye contact |

3. Information on ingredients

Hazardous Ingredients:

Zinc Chloride (10-15%) CAS No 7646-85-7 EC No 231-592-0

4. First aid procedures

Inhalation: Remove from exposure. If breathing is irregular provide artificial respiration or oxygen by trained personnel. Seek medical attention immediately.

Skin Contact: Wash affected area with soap and water. Remove contaminated clothing, seek medical attention immediately.

Eye Contact: Immediately flood eye with plenty of water keeping the eye open. Seek medical attention immediately.

Ingestion: Wash mouth out with water and drink 1-3 glasses of water to dilute stomach contents. Do not induce vomiting. Seek medical attention immediately.

5. Fire fighting measures

Extinguishing media: Use extinguishing agent suitable for the surrounding fire.

Decomposition products: Thermal decomposition may result in toxic fumes (chlorine, hydrochloric acid).

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

6. Accidental release measures

Contain and absorb with sand, earth or mineral absorbent. Transfer to suitable container for disposal and flush area with water. Do not allow waterways to be contaminated.

7. Handling and storage

Store in cool, dry well ventilated place. Ensure all containers are fully closed when not in use. Forced ventilation / extraction is recommended for use in an enclosed space. Wear safety glasses / goggles. Overalls and gloves should be worn.

8. Exposure controls

OEL: Zinc Chloride, fume – OES 8 hour TWA 1mg/m³ / STEL 15 minute 2 mg/m³

Fumes from soldering processes should not be inhaled.

PERSONAL PROTECTION:

Respiratory: Required if there is a risk of exposure to high vapour concentrations.

Skin: Butyl, nitrile or PVC gloves
Eyes: Goggles or face shield
Wear overall or apron if there is a risk of splashing

9. Physical and chemical properties

Appearance: Amber paste
Odour: Characteristic
Solubility: Very slightly soluble in hot and cold water

10. Stability and reactivity

Stable under normal conditions.
Conditions to avoid: Prolonged exposure to high temperatures
Materials to avoid: No specific data
Hazardous decomposition products: None under normal conditions of storage and use

11. Toxicological information

Inhalation: In confined space may cause irritation of the respiratory system
Ingestion: May cause burns to mouth, throat and stomach.
Skin: Direct contact causes burns.
Eyes: Severe irritant, causes burns

12. Ecological information

Mobility: A small part of the product will dissolve in water
Degradability: The product is expected to be partially or slowly biodegradable
Ecotoxicity: Slightly toxic to aquatic organisms

13. Disposal considerations

Disposal in accordance with local regulations (approved landfill)

14. Transport information

Corrosive Liquid, n.o.s (zinc chloride – UN Number 1760
Class 8 Material, Packaging Group III

15. Regulatory information

R34: Causes burns
R51: Toxic to aquatic organisms
R53: May cause long term adverse effects in the aquatic environment

S1/S2: Keep locked up and out of reach of children
S26: In case of contact with eyes rinse immediately with plenty of water
and seek medical advice
S29: Do not empty into drains
S36/37/39: Wear suitable protective clothing, gloves and eye protection
S45: In case of accident or if you feel unwell, seek medical advice
immediately (show label where possible)
S61: Avoid release to the environment. Refer to special instructions / safety data
sheet

16. Additional information

This Material Safety Data Sheet is compiled in accordance with REACH legislation EC1907/2006