



Product Number: 80

Fire Protection Coating for PVC Electrical Cables

Description:

Water based, odourless, white intumescent fire retardant coating for cables with plastic casing to prolong the functions of the cables in the event of a fire. The coating has no harmful effect on working cables and helps to inhibit PVC fumes in the event of a fire. After application, the coating allows some flexibility without cracking.

This product comprises of the following materials and therefore is supported by Health & Safety Data Sheets:

- (Appendix 13) E/PC coating for cables

*The information contained in this safety data sheet is given in good faith. It is accurate to the best of our knowledge and belief and represents the most up to date information. The information given in this data sheet does not constitute or replace the user's own assessment of workplace risk as required by other health and safety legislation.



HEALTH & SAFETY INFORMATION SHEET
APPENDIX 13
EP/C COATING FOR CABLES

20th March 2018

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

| | |
|-------------------------|--|
| PRODUCT NAME: | EP/C coating for cables |
| MANUFACTURER/SUPPLIER: | Envirograf |
| ADDRESS: | Envirograf House, Barfrestone, Dover, Kent, CT15 7JG |
| TELEPHONE/FAX/EMAIL: | 01304 842555 01304 842666 sales@envirograf.com |
| EMERGENCY PHONE NUMBER: | 01304 842555 (Monday to Friday 8.30 – 5.30) |
| PRODUCT USE: | Coatings: Waterborne paint |

2. HAZARDS IDENTIFICATION

| | | |
|----------------------------------|---|---|
| Hazard pictogram: |  | Warning |
| Hazard statement: | | 1.3.5-Triazine-2.4.6-Triamine. Suspected of causing cancer. May cause damage to to organs through prolonged or repeated exposure. |
| Health effects: | | |
| Hazard Symbol |  | May produce an allergic reaction |
| Skin | | May cause slight irritation on prolonged / repeated contact. |
| Eyes | | May cause some irritation. |
| Inhalation | | No hazard under normal conditions of use. |
| Ingestion | | Low toxicity. |
| Physical/chemical effects | | Not applicable. |

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization Aqueous (emulsion) polymer system.

Hazardous components: -

Biocidal ingredients-contains:

- 2-methyl isothiazol-3(2H)-one. < 0.0006%. CAS No. 2682-20-4 H301 / H330 / H314 / H318 / H317 / H400
- Pyrithione Zinc < 0.0006% Cas No. 13463-41-7 H301 / H330 / H318 / H400 / H 410
- 1,2-benzisothiazol-3(2H)-one <0.0006% Cas No. 2634-33-5 H330 / H318 / H315 / H317
- 5-chloro-2-methy-3(2H)-isothiazolone / 2 – methyl3(2H)-isothiazolone (3:1) < 0.0000026% H311 / H330 / H314 / H317 / H400 / H410 / H318

Labelling with: EUH208 Contains - 5-chloro-2-methy-3(2H)-isothiazolone / 2 – methyl3(2H)-isothiazolone (3:1) - May cause allergic reaction.

1,3,5-Triazine-2,4,6-Triamine. <9.7% Cas No. 290-87-9 H351/H373 – Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure.

4. FIRST AID MEASURES

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|----------------------|--|
| Skin contact: | Remove contaminated clothing and wash contaminated skin with soap and water. |
| Eye contact: | Wash with water for several minutes. If irritation persists seek medical advice. |
| Inhalation: | Remove the casualty to fresh air. |
| Ingestion: | Rinse out mouth with water and if conscious drink plenty of water. Seek medical attention. |

5. FIRE-FIGHTING MEASURES

| | |
|---|---|
| Extinguishing media: | Foam, carbon dioxide, powder, and water spray. |
| Extinguishing media which must not be used for safety reasons: | None known |
| Special exposure hazards: | None known. |
| Special protective equipment for fire-fighters: | Chemical protection suit / gloves / boots and self-contained breathing apparatus. |

6. ACCIDENTAL RELEASE MEASURES

| | |
|----------------------------------|--|
| Personal precautions: | Use personal protection equipment. |
| Environmental precautions | Do not dispose of into surface water or sanitary sewer system. |
| Methods for cleaning up | Scrape up excess and dispose of at an approved site. |

7. HANDLING AND STORAGE

| | |
|------------------------------|---|
| Handling precautions: | Not applicable. |
| Storage conditions: | Store in closed containers between + 5°C and + 30°C in dry conditions. Avoid extremes of temperature. |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| | |
|---------------------------------------|-----------------|
| Control parameters | Not applicable. |
| Engineering measures | Not applicable. |
| Personal protection equipment: | |
| Respiratory protection | Not applicable. |
| Hand protection | Gloves. |
| Eye protection | Goggles. |
| Skin and body protection | Not applicable. |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|----------------------------|-----------------|----------------------------------|-----------------|
| Colour | White | Flash point | Not applicable. |
| Form | White paint | Flammability (solid, gas) | Not applicable. |
| Odour | Low odour. | Auto ignition temperature | Not applicable. |
| pH as supplied | 7.2 – 8.2 | Explosive properties | Not applicable. |
| Boiling point/range | Not determined. | Oxidizing properties | Not applicable. |
| Melting point/range | Not applicable. | Vapour pressure | Not applicable. |

Bulk density 1.28 to 1.31 g/cm³

Solubility:

Water solubility

Miscible.

**Partition coefficient
(n-octanol/water)**

Not applicable.

Other data

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.
Conditions to avoid: Avoid extremes of temperature especially frost and freezing conditions.
Materials to avoid: None, under normal conditions of use.
Hazardous decomposition products: No decomposition if stored and applied as directed.

11. TOXICOLOGICAL INFORMATION

Not Applicable

12. ECOLOGICAL INFORMATION

Not Applicable

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations at approved sites.

14. TRANSPORT INFORMATION

| | |
|---------------------|---------------------------------|
| UK road/rail | Not applicable. None hazardous. |
| IMDG | Not applicable. None hazardous. |
| ICAO | Not applicable. None hazardous. |
| ADR | Not applicable. None hazardous. |

15. REGULATORY INFORMATION

Supply classification:

Hazard symbol(s):



May product an allergic reaction.

Trace elements carry the following H-phrases for their bulk material:
H301 H302 H311 H314 H315 H317 H318 H330 H400 H410 H411

Risk phrases:

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Safety phrases:

S2 – Keep out of the reach of children
S23 – Do not breathe vapour/spray.

16. OTHER INFORMATION

Recommended use Decorative coating with fire retardant properties.
Further information Consult technical data sheet.

History

Date of printing 20 July 2023
Date of issue March 2018
Version 5
Prepared by Intumescent Systems Limited

The information contained in the Health and Safety Data Sheet is provided in accordance with the requirements of the CHIP Regulations. The product should not be used for purposes other than those shown in section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with. This information contained in the safety data sheet is based on present knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.
