

CSD

firestops for multi-cable and
cabletray penetrations

SAFETY DATA SHEET 73700/1

Product Name: FIWA sealing mastic

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| 1. chemical specification: | Mixture of polydimethylsiloxanes, filler and crosslinker |
| 2. form: | Pasty |
| 3. color: | Black |
| 4. odor: | Characteristic smell |

Physical and safety data

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|---------------------------------------|--|
| 5. density: | Approx. 1.26 g/cm ³ at 20°C |
| 6. vapor pressure: | 1mbar at 20°C, 5 mbar at 50°C |
| 7. viscosity: | Pasty |
| 8. solubility in water: | Insoluble |
| 9. pH value: | Not applicable |
| 10. flash point: | Not applicable |
| 11. ignition temperature: | 465°C |
| 12. explosive limits: | Limits not determined |
| 13. change in physical state: | Carbonizing when affected by fire |
| 14. hazardous decomposition products: | In case of fire CO,CO ₂ and NO _x and oxides of silicone will be emitted. |
| 15. hazardous reactions: | No hazardous reactions observed |
| 16. other data: | Not applicable |

Transport

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|--------------------|---|
| 17. general: | Not dangerous cargo. Keep dry. Avoid heat above +60°C. Avoid temperature below -15°C. Keep separated from foodstuffs. |
| 18. mail: | Allowed for transport by mail. |
| 19. ICAO/IATA-DGR: | Not restricted. |

Regulations

- | | |
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| 20. general: | No special precautions are required. This product is not defined as hazardous material. |
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Protective measures, storage and handling

21. technical protective measures: Keep container tightly closed and dry. Store in a cool place. Use in well-ventilated areas.
22. personal protective equipment: - safety glasses
- rubber gloves, long sleeved shirts and pants in order to minimize skin exposure
- wash hands and face before eating and drinking
23. protection against fire and explosion: No special precautions required.
24. disposal: May be incinerated in a suitable facility provided local regulations are observed.

Measures in case of accidents and fires

25. after spillage: Take up mechanically
26. extinguishing media: No restriction
27. first aid: In case of eye contact rinse with plenty of water. Contact a physician. In case of skin contact remove the product mechanically. After that wash thoroughly with soap and water. Should the product be swallowed, seek medical service.

Information on toxicity

28. acute effects of exposure: Vapors will be emitted during the normal curing of this product. These gradually diminish as the sealant cures. The vapors may irritate the eyes, nose and throat, particularly in an enclosed or poorly ventilated area. Direct contact with the uncured product is expected to be non-irritating to the skin.
29. acute toxicity: LD₅₀ oral, rat: more than 2000 mg/kg. Rabbit eyes: non-irritant. Rabbit skin: (4h) non-irritant. In analogy to test results for similarly composed products.

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Information on ecological effects

30. general:

As the product is practically insoluble in water, it is separated in almost any filtration and sedimentation process.

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Revision 1.0