




ITW Construction Products Safety Data Sheet

According to EEC Regulation 91/155/EEC

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| 1.0 Identification of the substance / preparation and the company / undertaking |
| 1.1 Product Name Spit 6.30/12 Red Plug Cartridges |
| 1.2 Supplier ITW Construction Products Fleming Way Crawley West Sussex RH10 9DP England |
| 1.3 Emergency Telephone Number 44 (0) 1293 523372 |
| 2.0 Composition / information on ingredients |
| 2.1 Usual name Plug charges 6.30/12 |
| 2.2 Generic name Cartridges for pyrotechnical device. |
| 2.3 Components constituting hazards Composition of primor (25mg) Lead trinitroresorcinate (45%) Propellant powder (250mg) |
| 2.4 Classification R2 (risk of explosion due to impact friction, fire or other ignition sources). |
| 3.0 Hazards identification |
| 3.1 Most important hazards External fires, violent impacts. |
| 3.2 Specific hazards Deflagration. |
| 4.0 First aid measures |
| 4.1 Ingestion Seek medical advice. |
| 4.2 Burns Cool affected skin with cold water for as long as possible. Call for a doctor immediately. |
| 5.0 Fire-fighting measures |
| 5.1 Suitable extinguishing media Water, powder. |
| 5.2 Prohibited extinction methods None. |
| 5.3 Special hazards Keep back in the event of fire and apply extinguisher to all products. Does not explode in bulk. |
| 6.0 Accidental release measures |
| 6.1 Personal precautions None. |
| 6.2 Environmental precautions Keep the public away from the spill area. |
| 6.3 Methods for cleaning up Manually. Avoid impact. |
| 7.0 Handling and storage |
| 7.1 Handling Avoid violent impact. Keep away from flames. |
| 7.2 Storage Prohibit all naked flames in the storage premises. Storage temperature 40°C to +60°C. Stacking - 1 pallet maximum. |
| 8.0 Exposure controls / personal protection |
| Protection of eyes Wear eye protectors during use. |
| Protection of ears Wear ear protectors during use. |

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| Respiratory protection Do not breathe in smoke during use. |
| 9.0 Physical and chemical properties |
| 9.1 Appearance Solid - metal tube |
| 9.2 Self-ignition temperature 170°C |
| 9.3 Explosive characteristics Minimum operating energy 0.25J |
| 9.4 Sensibility to percussion Ball-bearing of 112g dropped from a height of 220mm |
| 10.0 Stability and reactivity |
| 10.1 Hazardous reaction Risk of deflagration Cf. § 9 - 2 |
| 10.2 Dangerous decomposition products Nitrogen oxides - lead |
| 11.0 Toxicological information |
| Inhalation Prolonged inhalation of strong concentrations of fumes may lead to chronic symptoms caused by lead. |
| 12.0 Ecological information Very slow degradability due to metal tube. |
| 13.0 Disposal considerations |
| 13.1 Elimination of products According to ruling No. 79-846 dated 28.09.1979 - art. 75 to 79 |
| 13.2 Elimination of waste Recycling of metals After firing or incineration in a specialised treatment installation. |
| 14.0 Transport information |
| 14.1 Classification R.T.M.D: - R: 1.4S, 47° A.D.R: 1.4S, 47° IMOG: 1.45p 1236 IATA: 1.45 UNO NO: 0323 |
| 15.0 Regulatory information |
| Law No. 70-575 of 03.07.1970 amending the regulations concerning explosive powders and substances and the rulings for its application: No. 71-753 and 71-754 of 10.09.1971 |
| Law No. 75-633 of 15.07.1975 with amendments, concerning the elimination of waste and the recovery of materials. |
| Ruling No. 79-846 dates 28.09.1979, its ruling for application dated 26.09.1980 and the circular dated 08.05.1981 |
| 15.1 Symbol(s)  |
| 16.0 Other information Users must be made aware of possible risks when a product is used for purposes other than for those it is intended. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication, however it does not exempt the user of the product from referring to the whole of official texts in order to know his obligations. It complies with the ruling of 05.01.1993. Further advice and assistance may be obtained from our Technical Help Line on freephone 0800 731 4924. |

