

1.0 Identification of the substance / preparation and the company / undertaking

1.1	Product Name SPIT disc cartridge
1.2	Supplier ITW Construction Products Fleming Way Crawley West Sussex RH10 9DP England
1.3	Emergency Telephone Number 01293 523372
1.4	Technical Helpline 0800 731 4924

2.0 Composition / information on ingredients

2.1	Usual name Disc Cartridges.
2.2	Generic Name Cartridges Power Device.
2.3	Disc Cartridges are a circle of metal base material with 10 charges fitted to it. They are designed for use in powder actuated fixing tools. The explosive charges are initiated by a 'rim fire' mechanism. The priming composition and the gunpowder are hermetically sealed from the environment, and can only be opened by destroying the casing.
2.4	Components constituting a hazard Primer of 25mg containing 45% Lead Trinitroresorcinate, and propellant powder.
2.5	Classification According to ADR:- 1.4s. R2 (Risk of explosion due to impact, friction, or other ignition source) There is no mass explosion risk.

3.0 Hazards identification

3.1	Most important hazards External fire - significant impact.
3.2	Significant hazards Deflagration.

4.0 First aid measures

4.1	Ingestion Seek urgent medical advice, ingested primer and propellant can be toxic. Keep the patient still and do not induce vomiting.
4.2	Burns Burns can be deep and severe, and there is a risk of product entering the wound. Cool with copious amounts of cold water, and seek urgent medical attention.

5.0 Fire fighting measures

5.1	Suitable extinguishing media Water, Powder.
5.2	Prohibited extinguishing media None.
5.3	Special hazards Keep well away and apply extinguisher to ALL of the same products. There is no risk of mass explosion.

6.0 Accidental release measures

6.1	Personal precautions None.
6.2	Environmental precautions Keep any public away from the spill area. Prevent material from entering drains or water courses.
6.3	Methods for cleaning up Collect intact cartridges by hand.

Clean up powder manually, and do not use any metal tools. Avoid impacts. Dispose by specialist explosive contractor.

7.0 Handling and storage

There are regulations relating to the storage of explosive materials. If in any doubt, please consult your local authority or trading standards office.

7.1	Handling Avoid impacts, and keep away from heat and flame.
7.2	Storage Store away from any other flammable material in original packaging. Smoking, and any other ignition sources should be banned in the storage area. Avoid temperatures in excess of 60°C

8.0 Exposure controls / personal protection

8.1	Personal protection Use eye (EN 166 B) and ear protection during use.
8.2	Respiratory protection Do not breathe in smoke during use.

9.0 Physical and chemical properties

9.1	Appearance Disc Cartridges are a circle of metal base material with 10 charges fitted to it
9.2	Self ignition temperature 170°C.
9.3	Explosive characteristics Minimum operating energy: 0.25J

10.0 Stability and reactivity

10.1	Conditions to avoid Very high temperatures (see point 9.2), flames, impact or other ignition sources.
10.2	Dangerous decomposition products Nitrogen oxides, and lead.

11.0 Toxicological information

11.2	Inhalation Prolonged inhalation of strong concentration of fumes can lead to lead poisoning.
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12.0 Ecological information

Very slow degradability due to metal casing.

13.0 Disposal considerations

13.1	Completely discharged discs Dispose as waste metal.
13.2	Discs with in-tact charges (or damaged charges) remaining EWC 16 04 01 (waste ammunition) only to be disposed of by specialist licensed contractor. Usually by high temperature incineration.

14.0 Transport information

Products must be transported in accordance with the provisions of ADR for road, RID for rail, IMDG for sea, and ICAO/IATA for air transport.

UN0323 = Cartridges Power Device.

ADR/RID Class 1, Code 1.4s, Label 1.4, LQO.





15.0 Regulatory information

This preparation was classified in accordance with EU directive 199/45/EC, and its adaptations.
This preparation is not classified as hazardous to health by directive 199/45/EC.
The product is not classified as flammable.

16.0 Other information

The attention of users is drawn to the risks of using this product for any other purpose than those intended by the manufacturer.

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 users from referring to official texts to fully understand their obligations.

22-02-2010

This safety data sheet has been produced according to EEC Regulations 91/155/EEC

Further advice and assistance can be obtained from the ITW Construction Products Technical Helpline:

**UK Freephone: 0800 731 4924
ROI Freephone: 1 800 882 388**

