




ITW Construction Products  
**Safety Data Sheet**  
According to EEC Regulation 91/155/EEC

<b>1.0 Identification of the substance / preparation and the company / undertaking</b>
<b>1.1 Product Name</b> Sealing Cartridges 6.8/11 Ramset Strip
<b>1.2 Supplier</b> ITW Construction Products Fleming Way Crawley West Sussex RH10 9DP England
<b>1.3 Emergency Telephone Number</b> 44 (0) 1293 523372
<b>2.0 Composition / information on ingredients</b>
<b>2.1 Usual name</b> Sealing charges 6.8/11
<b>2.2 Generic name</b> Cartridges for pyromechanisms
<b>2.3 Components constituting hazards</b> Primer (35mg) based on lead trinitroresorcinate (45%) Propellant powder (215mg)
<b>2.4 Classification</b> In accordance with R.T.M.D - R: 1.4S
<b>3.0 Hazards identification</b>
<b>3.1 Most important hazards</b> External fires - significant impacts
<b>3.2 Specific hazards</b> Deflagration
<b>4.0 First aid measures</b>
<b>4.1 Ingestion</b> Consult a doctor.
<b>4.2 Burns</b> Cool affected skin with cold water for as long as possible. Call for a doctor immediately.
<b>5.0 Fire-fighting measures</b>
<b>5.1 Suitable extinguishing media</b> Water, powder.
<b>5.2 Prohibited extinction methods</b> None.
<b>5.3 Special hazards</b> Keep back in the event of fire and apply extinguisher to all products. Does not explode in bulk.
<b>6.0 Accidental release measures</b>
<b>6.1 Personal precautions</b> None.
<b>6.2 Environmental precautions</b> Keep the public away from the spill area.
<b>6.3 Methods for cleaning up</b> Manually. Avoid impact.
<b>7.0 Handling and storage</b>
<b>7.1 Handling</b> Avoid violent impact. Keep away from flames.
<b>7.2 Storage</b> Prohibit all naked flames in the storage premises. Storage temperature 40°C to +60°C. Stacking - 1 pallet maximum.
<b>8.0 Exposure controls / personal protection</b>
<b>Protection of eyes</b> Wear protective goggles during use.
<b>Protection of ears</b> Wear ear protectors during use.
<b>Respiratory protection</b> Do not breathe any fumes given off during use.

<b>9.0 Physical and chemical properties</b>
<b>9.1 Appearance</b> Solid with metal casing
<b>9.2 Self-ignition temperature</b> 170°C
<b>9.3 Explosive characteristics</b> Minimum operating energy 0.25J
<b>9.4 Sensibility to percussion</b> 112g ball dropped from a height of 220mm
<b>10.0 Stability and reactivity</b>
<b>10.1 Hazardous reaction</b> Deflagration risk: see 9.2
<b>10.2 Dangerous decomposition products</b> Nitrous oxides - lead
<b>11.0 Toxicological information</b>
<b>Inhalation</b> Prolonged inhalation of strong concentrations of fumes may lead to chronic symptoms due to lead content.
<b>12.0 Ecological information</b>
Very slow degradability due to metal tube.
<b>13.0 Disposal considerations</b>
<b>13.1 Elimination of products</b> Incineration in a specialised processing centre.
<b>13.2 Elimination of waste</b>
<b>Recycling of metals</b> In a specialised processing centre following firing or incineration.
<b>14.0 Transport information</b>
<b>14.1 Classification</b> R.T.M.D: - R: 1.4S, 47° A.D.R: 1.4S, 47°  UNO NO: 0323
<b>15.0 Regulatory information</b>
<b>Law No. 70-575</b> dated 3 July 1970 covering reform of the regime for powders and explosive substances and relevant Government Decrees for its application, nos. 71-753 and 71-754 dated 10 September 1971.
<b>Law No. 75-633</b> dated 15 July 1975 as modified relating to the disposal of waste and the recovery of materials.
<b>15.1 Symbol(s)</b> 
<b>16.0 Other information</b>
The attention of users is also drawn to the risks which may arise when a product is used for other purposes than those for which it is designed.
This Safety Data Sheet has been produced by our company on the basis of our knowledge of the product concerned on the revision date.
Users of the product are nevertheless fully responsible for consulting all official regulations relating to their obligations in these matters.
This Safety Data Sheet conforms to the French Government Decree 5 January 1993.
Further advice and assistance may be obtained from our Technical Help Line on freephone 0800 731 4924.
