Super Plain Detonators

Description
Super Plain Detonator, for use with Safety Fuse, contains a base charge of PETN with a priming charge of ASA composition in an aluminium tube. These detonators are of No. 8 strength.

Safety
Super Plain Detonators are non-electric in nature. These are initiated by a strand of safety fuse that is inserted into the cap and crimped with a crimping tool to prevent the fuse from slipping out of the cap and to prevent water or other foreign material entering the cap.

The safety fuse should be cut squarely so that it comes well into the contact with the igniting charge of the cap.

Application
For use with Safety Fuse for blasting in quarries, opencast mines, surface excavations, well sinking, road construction, civil works etc.

Specifications:
- Strength: No. 8
- Shell: Aluminium
- Shell dimensions:
  - Length: 42 mm
  - External diameter: 6.37 mm
  - Internal diameter: 5.78 mm

Recommendation for use
Super Plain Detonators should be used by personnel who have been correctly trained in the handling and use of explosives.

Super Plain Detonators contain sensitive components and must be handled with care and respect at all times.

Packaging
10000 Super plain detonators are packed in a wooden case. The detonators are first packed in small cardboard boxes containing 100 each and five such boxes are wrapped together in paper to form a package. Twenty such packages are packed in a wooden case. The free space is filled up by sprinkling of coarse sawdust. The case is lined with bituminised Kraft paper and provided with rope handles.

Case Dimensions (mm): 475 x 450 x 350
- Av Net wt/case: 20 kg
- Av Gross wt/case: 32 kg

Storage
For best results, store at moderate temperatures and dry conditions in a well ventilated, approved detonator magazine.

Explosive Classification
- As per Indian explosives Rules: Class VI, Division III
- As per UN classification: 1.4B, UN No. 0029

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