

# 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

## Trademarks

The word Orica, the Ring device and the Orica mark are trademarks of Orica Group Companies. Indian Explosives Limited is a wholly owned subsidiary of Orica, Australia.

## Disclaimer

All information contained in this data sheet is accurate and up-to-date as at the issue date specified below. Since Indian Explosives Limited cannot anticipate or control the conditions under which this information and its products may be used; each user should review the information in the specific context of the intended application. Indian Explosives Limited will not be responsible for damages of any nature resulting from the use of or reliance upon the information in this data sheet. Except to the extent required by law, no express or implied warranties are given.

## Indian Explosives Limited

10A, Lee Road  
Kolkata – 700 020  
West Bengal India  
Ph : +91 33 2287 3056  
Fax : +91 33 2289 2973

[www.oricaminingservices.com](http://www.oricaminingservices.com)