

## VIPER BOOSTERS™

High strength priming charges



### PRODUCT DESCRIPTION

Viper Boosters™ consist of an explosive charge of high strength and high detonation velocity, designed to be used in the explosive initiation sequence between an initiator or primer and the main charge, mostly non cap-sensitive blasting agents. Cast Viper Boosters™ are enclosed in a cylindrical printed shell and contain a mixture of RDX and TNT. A PETN capsule positioned internally near the detonator well ensures reliable initiation when using 3.6 g/m detonating cord.

## PRODUCT FEATURES

### APPLICATION

Reliable initiation of booster sensitive blasting agents for surface mining, quarries and civil works.

### FEATURES

- Appearance – smooth and clean, with both ends covered
- Cap well and cord tunnel – smooth and straight with no distortion or blockage
- Velocity of detonation – minimum 8 000 m/s
- Cast density – minimum 1.8 g/cm<sup>3</sup>
- Sensitivity – reliable initiation by standard detonator or 3.6 g/m detonating cord
- Water resistance – retains sensitivity after being immersed in water at 100 PSI

### RECOMMENDATIONS

- Temperature range – recommended for use in temperatures up to 70 °C
- Shelf life – Minimum shelf life of 5 years
- First aid – refer to Material Safety Data Sheet for first aid information
- Safety – all explosives are classified as dangerous goods and can cause damage to property, personal harm or death if not used correctly
- Transportation and storage – all explosives must be transported in accordance with relevant regulations and must be stored in a cool, dry, well ventilated magazines

### UN CLASSIFICATION (TRANSPORT)

- UN Classification Transport Boosters, without detonator Class 1.1D, UN No. 0042, BOOSTER, without detonator, ZA-X: 441

### PACKAGING

|                     | VIPER 150™ | VIPER 400™ | VIPER 800™ |
|---------------------|------------|------------|------------|
| Unit weight         | 150 gram   | 400 gram   | 800 gram   |
| Unit per case       | 90 units   | 35 units   | 16 units   |
| Net weight per case | 13.5 kg    | 14 kg      | 12.8 kg    |
| Diameter            | 36 mm      | 54 mm      | 78 mm      |
| Length              | 125 mm     | 125 mm     | 120 mm     |

### PRODUCT RISK PROFILE

- Classified as hazardous substance, dangerous goods with mass explosion hazard
- Stable under normal storage and handling conditions
- May explode when exposed to fire, especially when confined
- May explode when subjected to high energy projectile impact
- May emit toxic and/or irritating fumes during thermal decomposition
- Incompatible with corrosives
- DO NOT ATTEMPT TO FIGHT AN EXPLOSIVES FIRE