

Product Bulletin

Cutting Senatel™ Permitted 1000 Cartridges ONLY

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Senatel™ Permitted 1000



NOTE: P5 Permitted explosives, such as Dynagex, Wincoal A and Seguridad are Nitroglycerine (NG) based explosives. NG is sensitive to impact and friction and therefore:

NG based explosives must not be cut into shorter lengths.

Senatel™ Permitted 1000 (P1) is an emulsion explosive. A smaller charge mass can be achieved on-site by manually cutting the cartridge into smaller pieces. Attached are recommendations relating to this process. Emulsions contain no inherently sensitive component and are safe to cut as instructed.

Cutting Senatel™ Permitted 1000 Cartridges

Cartridges should be cut with a single bladed knife and if cut against a surface, the surface should be wood or plastic - NOT metal.

Cutting should be performed at the face, immediately prior to use. Preferably, all remaining portions should be used in the same firing, and any explosive residue should be disposed of in the blasthole prior to stemming.

Cutting should only be performed by an authorised Shotfirer.

The detonator must be fully enclosed in the explosive and cartridge length should exceed detonator length by a minimum of 50mm. The primer must not be tamped directly if the cartridge has been cut – other cartridges in the hole may be gently tamped with a non-metallic tamping rod. Stemming should be gently pressed (not pounded) into the hole taking care not to damage lead wires.

Tying ends

Where a cartridge is cut into more than two pieces, sections of cartridge with two open ends will arise.

Tying off the ends is not recommended as loss of product will result and change the mass of the section of cartridge.

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Furthermore, tying off with any plastic, cotton or metals or similar material will affect the oxygen balance of the product.

Storage

Where sections of cartridge remain with open ends, it is possible to store these in the original boxes for use when blasting is regular. It is recommended however that no part cartridges are stored if blasting is not a regular occurrence.

Additional material such as plastic or paper should not be used to wrap partial cartridges. Again this material, if incorporated into the blast, will affect the oxygen balance of the product, and any change can adversely affect the performance of the product.

Should you require further information regarding this update, please contact your Orica Account Manager, or Customer Representative.

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