

Shagun Explochem

Private Limited



SHAGUN

At Shagun Explochem, we go beyond supplying explosives — we ignite progress with safety, precision, and innovation.

Shagun Explochem Private Limited is an ISO 9001:2015, ISO 14001:2015, and ISO 45001:2018 certified company, recognized for excellence in the manufacturing of high-quality industrial explosives. With its advanced manufacturing facility in Churu, Rajasthan, India, the company specializes in Slurry and Emulsion explosives designed to meet the rigorous demands of the mining, construction, and infrastructure sectors.

Driven by a commitment to safety, reliability, and technological innovation, Shagun Explochem delivers customized blasting solutions that combine superior performance with strict adherence to environmental and regulatory standards. Our products are engineered to operate efficiently and safely in the most challenging environments.

Backed by a team of seasoned industry professionals and state-of-the-art manufacturing facilities, we ensure consistent quality, dependable supply, and expert technical assistance. This dedication has earned us the trust of clients across India and beyond, making us a preferred partner for high-performance explosives solutions.



Mission, Vision & Values

Mission

To deliver safe, reliable, and innovative explosive solutions that empower industries, enhance operations, and uphold the highest standards of safety, quality, and sustainability.

Vision

To lead the global explosives industry with innovation, unmatched safety, and strong partnerships that advance mining, infrastructure, and construction worldwide.

Values

Safety Always – Protecting people, communities, and the environment.

Customer First – Listening, delivering, exceeding.

One Team – United by trust, driven by collaboration.

Respect & Integrity – Doing what's right, every time.

Shagun Power 90

Shagun Power 90 is a specially engineered non-permitted small-diameter cap-sensitive emulsion explosive. The explosive has a firm putty-like texture in a whitish-brown color. It is made sensitive through a process involving chemical gassing, the use of microspheres, or a combination of both methods. This explosive is also packaged in a water-resistant material for added protection. It is ideally suited for various applications, including blasting in metalliferous mines, tunneling, well sinking, quarrying, excavation, and road construction.

01 Advantages

- Usage in diverse blasting operations is straightforward and efficient.
- The packaging ensures easy handling and loading of holes.
- It features low vibration and minimal fly rock for enhanced safety.
- With superior water resistance, it remains reliable even in wet strata.
- The product boasts optimal strength and density and produces fewer noxious fumes.
- Additionally, it offers improved safety against mechanical impact and friction, with simplified priming and coupling processes.

02 Technical Properties

Nominal Density (g/cc	1.18 ± 0.05
Relative Weight Strength*	118%
Relative Bulk Strength*	166%
Minimum Velocity of Detonation (Km / Sec)	More than 3500

*Compared to ANFO@ 0.85 g/cc

03 Packaging

Shagun Power 90 is packed in a HDPE film, featuring the product name and other essential details. Each corrugated box holds 25kg of the product.

Cartridge Dia MM	25	25	32	40	60	83
Nominal Length MM	200	400	200	300	460	460
Nominal Wt. gm	125	250	200	390	1560	2780
Cartridge/ Box Nos.	200	100	125	64	16	9

*Other diameter/grams combinations can be offered on request

04 Shipping Information

Proper Shipping Name: EXPLOSIVE, BLASTING, TYPE E
Class / Div.: 1.1D
UN No.: 0241



Shagun Boost E

Shagun Boost E is a high-strength, cap-sensitive packaged emulsion explosive, perfect for various blasting applications across small, medium, and large diameter holes. Engineered with a chemical gassing and cross-linking process, it is tailored specifically for use in open-cut mines, quarries, and construction sites. The superior rigid gel ensures ease of handling. With its impressive strength and high detonation velocity, Shagun Boost E delivers exceptional fragmentation in hard strata, making it ideal for quarrying, road cutting, canal excavation, and civil construction projects. Additionally, Shagun Boost E boasts excellent water resistance, making it suitable for use in watery holes. Post-detonation, it also demonstrates outstanding fume characteristics.

01 Advantages

- Usage in diverse blasting operations is straightforward and efficient.
- The packaging ensures ease of handling and loading of holes.
- It features low vibration and minimal fly rock for enhanced safety.
- With superior water resistance, it remains reliable even in wet strata.
- The product boasts optimal strength and density and produces fewer noxious fumes.
- It offers improved safety against mechanical impact and friction, with simplified priming and coupling processes.

02 Technical Properties

Nominal Density (g/cc	1.20 ± 0.05
Relative Weight Strength*	88%
Relative Bulk Strength*	125%
Minimum Velocity of Detonation (Km / Sec)	4.0

*Compared to ANFO@ 0.85 g/cc

04 Shipping Information

Proper Shipping Name: EXPLOSIVE, BLASTING, TYPE E
Class / Div.: 1.1D
UN No.: 0241

03 Packaging

Shagun Boost E is packaged in a HDPE film, featuring the product name and other essential details. Each box holds 25kg of the product.

Cartridge Dia MM	83
Nominal Length MM	460
Nominal Wt. gm	2780
Cartridge/ Box Nos.	9



*Other diameter/grams combinations can be offered on request

Shagun Gel E

Shagun Gel-E is a cutting-edge emulsion explosive designed for a variety of blasting applications in small, medium, and large diameter holes. Formulated specifically for use in open-cut mines, quarries, and construction sites, Shagun Gel-E features a chemically gassed composition that enhances its reliability. The advanced rigid gel structure not only guarantees ease of handling but also optimizes the blasting process. With its impressive strength and rapid detonation velocity, Shagun Gel-E ensures effective fragmentation in hard materials, delivering outstanding results for quarrying, road cutting, canal excavation, and civil construction projects. Its excellent water resistance allows for effective use in wet environments, while its favorable fume characteristics post-detonation further enhance its appeal for a wide range of applications.

01 Advantages

- Usage in diverse blasting operations is straightforward and efficient.
- The packaging ensures easy handling and loading of holes.
- It features low vibration and minimal fly rock for enhanced safety.
- With superior water resistance, it remains reliable even in wet strata.
- The product boasts optimal strength, density, and produces fewer noxious fumes.
- Additionally, it offers improved safety against mechanical impact and friction, with simplified priming and coupling processes.

02 Technical Properties

Nominal Density (g/cc	1.20 ± 0.05
Relative Weight Strength*	75%
Relative Bulk Strength*	100%
Minimum Velocity of Detonation (Km / Sec)	3.5

*Compared to ANFO@ 0.85 g/cc

04 Shipping Information

Proper Shipping Name: EXPLOSIVE, BLASTING,
TYPE E
Class / Div.: 1.1D
UN No.: 0241

*Other diameter/grams combinations can be offered on request

03 Packaging

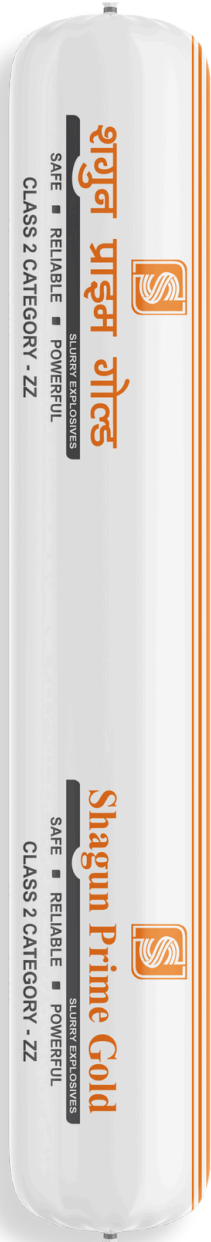
Shagun Gel E is packaged in a HDPE film, featuring the product name and other essential details. Each box holds 25kg of the product.

Cartridge Dia MM	83
Nominal Length MM	460
Nominal Wt. gm	2780
Cartridge/ Box Nos.	9



Shagun Prime Gold

Shagun Prime Gold is a high-energy cap-sensitive slurry explosive, ideal for a range of blasting applications in small, medium, and large diameter holes. This innovative product represents the cutting edge in slurry explosives technology. It is chemically gassed and cross-linked, making it particularly effective for blasting in open-cut mines, quarries, and construction sites. The superior rigid gel formulation also enhances handling safety. With its impressive strength and high detonation velocity, Shagun Prime Gold delivers excellent fragmentation even in challenging hard strata, producing outstanding results for quarrying, road cutting, canal excavation, and civil construction projects. Additionally, the product is designed to be relatively insensitive to accidental initiation due to impact, friction, or fire, ensuring a high level of safety during handling, transportation, storage, and use. Its excellent water resistance allows for effective use in wet conditions, and it features commendable fume characteristics following detonation.



01 Advantages

- Designed for effortless handling to boost efficiency.
- Reliable packaging that maintains consistency.
- Vibration reduction lowers the risk of fly rock.
- Outstanding water resistance improves functionality in wet conditions.
- Enhanced strength and density with minimal harmful emissions.

02 Technical Properties

Nominal Density (g/cc	1.20 ± 0.05
Relative Weight Strength*	95%
Relative Bulk Strength*	125%
Minimum Velocity of Detonation (Km / Sec)	3.8

*Compared to ANFO@ 0.85 g/cc

04 Shipping Information

Proper Shipping Name: EXPLOSIVE, BLASTING, TYPE E
Class / Div.: 1.1D
UN No.: 0241

03 Packaging

Shagun Prime Gold is packaged in a HDPE film, featuring the product name and other essential details. Each box holds 25kg of the product.

Cartridge Dia MM	83	83	125
Nominal Length MM	460	180	460
Nominal Wt. gm	2780	1000	6250
Cartridge/ Box Nos.	9	25	4

*Other diameter/grams combinations can be offered on request

Shagun Prime

Shagun Prime is an advanced gel slurry explosive, sensitive to caps and formulated with ammonium nitrate, specifically designed for surface mining and quarry blasting operations. This powerful explosive enhances the effectiveness of non-cap-sensitive explosives, as well as ANFO. Its gel-like consistency and high loading density deliver optimal energy to break the surrounding rock. Additionally, its innovative packaging ensures water resistance and provides a high level of safety against mechanical impacts and friction. Due to its water compatibility, Shagun Prime can be easily utilized in watery boreholes, making it an excellent choice for various blasting scenarios.

01 Advantages

Multipurpose Blasting Operation Features:

- User-friendly handling for increased efficiency.
- Consistent packaging ensures reliability.
- Reduced vibration minimizes fly rock risk.
- Excellent water resistance enhances performance in damp environments.
- Superior strength and density with fewer harmful emissions.
- Improved safety measures against mechanical impacts and friction.
- Simple priming process with effective coupling.

02 Technical Properties

Nominal Density (g/cc)	1.20 ± 0.05
Relative Weight Strength*	85%
Relative Bulk Strength*	110%
Minimum Velocity of Detonation (Km / Sec)	3.5

*Compared to ANFO@ 0.85 g/cc

04 Shipping Information

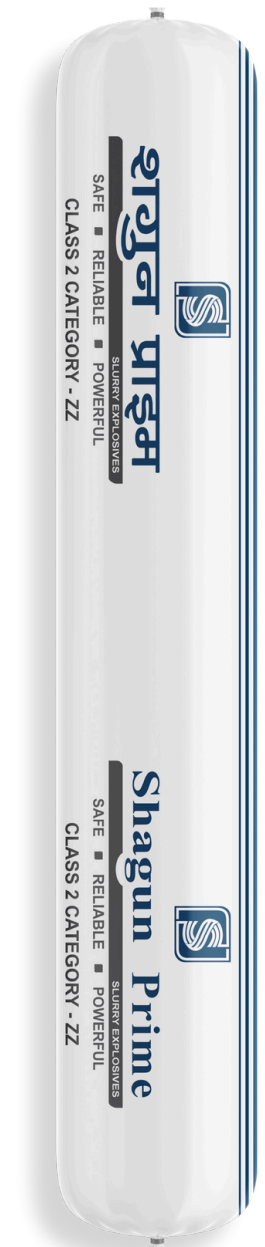
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TYPE E
Class / Div.: 1.1D
UN No.: 0241

*Other diameter/grams combinations can be offered on request

03 Packaging

Shagun Prime is packaged in a HDPE film, featuring the product name and other essential details. Each box holds 25kg of the product.

Cartridge Dia MM	83	83	125
Nominal Length MM	460	180	460
Nominal Wt. gm	2780	1000	6250
Cartridge/ Box Nos.	9	25	4



Shagun Blast

Shagun Blast is a cutting-edge gel slurry explosive designed for surface mining and quarry blasting. Formulated with ammonium nitrate and sensitive to caps, this powerful explosive improves the performance of non-cap-sensitive explosives as well as ANFO. Its gel-like texture and high loading density enable it to deliver maximum energy for effectively breaking rock. The innovative packaging ensures it is resistant to water and provides outstanding safety against mechanical impacts and friction. Thanks to its compatibility with water, Shagun Blast is ideal for use in watery boreholes, making it a versatile option for a range of blasting applications.

01 Advantages

- Designed for effortless handling to boost efficiency.
- Reliable packaging that maintains consistency.
- Vibration reduction lowers the risk of fly rock.
- Outstanding water resistance improves functionality in wet conditions.
- Enhanced strength and density with minimal harmful emissions.
- Advanced safety features protect against mechanical impacts and friction.
- Easy priming process paired with effective coupling.

02 Technical Properties

Nominal Density (g/cc	1.20 ± 0.05
Relative Weight Strength*	85%
Relative Bulk Strength*	110%
Minimum Velocity of Detonation (Km / Sec)	3.5

*Compared to ANFO@ 0.85 g/cc

04 Shipping Information

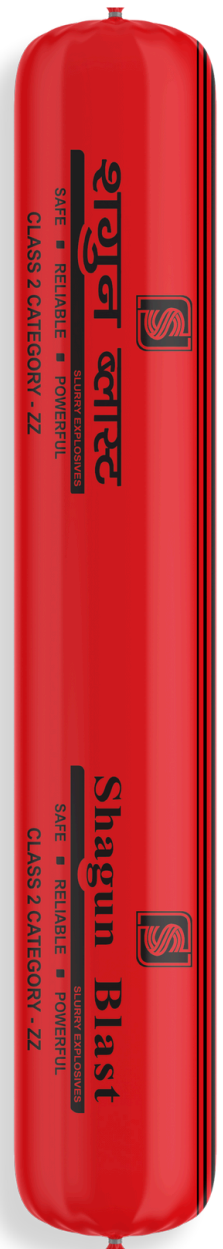
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TYPE E
Class / Div.: 1.1D
UN No.: 0241

*Other diameter/grams combinations can be offered on request

03 Packaging

Shagun Blast is packaged in a HDPE film, featuring the product name and other essential details. Each box holds 25kg of the product.

Cartridge Dia MM	83
Nominal Length MM	460
Nominal Wt. gm	2780
Cartridge/ Box Nos.	9



Shagun Eco

Shagun Eco is a low-energy cap-sensitive slurry explosive designed for large-diameter cap sensitivity and based on ammonium nitrate. With its high detonation velocity, it excels in blasting operations within challenging medium- to hard-strata formations, making it a preferred choice for surface mining and quarry blasting. This explosive's unique packaging ensures top-notch safety against mechanical impacts and friction while also providing excellent water resistance and optimal fragmentation outcomes. Additionally, it effectively enhances the performance of non-cap-sensitive explosives, as well as ANFO.

01 Advantages

- Superior water resistance - Enhanced performance
- Non-toxic with minimal fumes
- Reliable packaging for consistency
- User-friendly handling
- Excellent fragmentation
- Reduced vibration and flying debris
- Effectively enhances non-cap sensitive explosives, including ANFO

02 Technical Properties

Nominal Density (g/cc)	1.20 ± 0.05
Relative Weight Strength*	85%
Relative Bulk Strength*	110%
Minimum Velocity of Detonation (Km / Sec)	3.5

*Compared to ANFO@ 0.85 g/cc

04 Shipping Information

Proper Shipping Name: EXPLOSIVE, BLASTING, TYPE E

Class / Div.: 1.1D

UN No.: 0241

03 Packaging

Shagun Eco is packaged in a HDPE film, featuring the product name and other essential details. Each box holds 25kg of the product.

Cartridge Dia MM	83
Nominal Length MM	460
Nominal Wt. gm	2780
Cartridge/ Box Nos.	9

*Other diameter/grams combinations can be offered on request



Shagun Gel

Shagun Gel is a medium-strength, large-diameter explosive, specifically designed as a non-cap-sensitive and ammonium nitrate-based gel slurry. It serves as a secondary explosive, ideal for use in soft and medium rock formations, providing a cost-effective solution for blasting when paired with primary explosives. Its innovative packaging ensures a high level of safety against mechanical impacts and friction, and it boasts excellent water resistance while facilitating optimal fragmentation during use.

01 Advantages

- Outstanding water resistance
- Superior performance
- Non-toxic with minimal fumes
- Reliable packaging consistency
- User-friendly handling
- Effective fragmentation
- Reduced vibration and minimal fly rock

02 Technical Properties

Nominal Density (g/cc)	1.20 ± 0.05
Relative Weight Strength*	75%
Relative Bulk Strength*	100%
Minimum Velocity of Detonation (Km / Sec)	3.5

*Compared to ANFO@ 0.85 g/cc

04 Shipping Information

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Class / Div.: 1.1D
UN No.: 0241

03 Packaging

Shagun Blast is packaged in a HDPE film, featuring the product name and other essential details. Each box holds 25kg of the product.

Cartridge Dia MM	83
Nominal Length MM	460
Nominal Wt. gm	2780
Cartridge/ Box Nos.	9



*Other diameter/grams combinations can be offered on request

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