



PLASTEX⁺

HIGH PERFORMANCE LAY-ON PLASTIC EXPLOSIVE

PLASTEX⁺ is a high-performance plastic explosive produced at our Brig-Glis facility. It's the ideal solution for precision blasting, enabling efficient demolition, underwater operations, and effortless breaking of boulders, stone blocks, and wood. PLASTEX⁺ is characterized by its very high detonation velocity, resulting in an exceptionally strong impact phase. Its excellent plasticity ensures reliable handling and performance across a wide temperature range with a long shelf life.

Specifications

Chemical formula (PETN)	$C_5H_8N_4O_{12}$
Chemical name	2,2-Bis(hydroxymethyl)propane-1,3-diol tetranitrate
Appearance	light pink to red malleable plastic explosive
Density	1.5 g/cm ³
VOD	> 7000 m/s
PETN content	ca. 80 %
Oxygen balance	- 80 %
Impact sensitivity	> 3.5 J
Molecular weight	316.14
CAS N°	78-11-5 (PETN)
EINECS	201-084-3 (PETN)
Minimum usage temperature	- 20 °C
Solubility	insoluble in water; soluble in acetone
Stability	min. 5 years

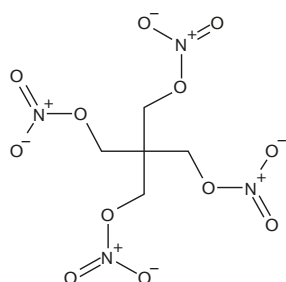
Packaging

Box	25.0 kg
Other packagings on request	

Transport classification

UN N°	0084
RID/ADR	1.1D
IMDG	1.1D
IATA/ICAO	forbidden

Chemical structure (PETN)



Toxicity

When ingested, PETN acts as a blood pressure-lowering agent.

Area of application

For various applications in the explosives industry.

Safety

Avoid inhaling dust or direct contact with eyes or skin by taking appropriate protective measures and practicing good personal hygiene. Complete safety information and necessary precautions can be found in the respective safety data sheet. Local regulations for hazardous substances must be observed. The information contained in this document is based on our current knowledge and experience and may be used at your own discretion and risk. It does not exempt you from taking your own precautions and conducting your own tests. We accept no liability in relation to your product or its use. All applicable laws and regulations must be complied with, and all third-party rights must be observed.