TECHNICAL DATA SHEET

CAST BOOSTERS

TROJAN® NB

Superprime® Cord Sensitive Cast Booster

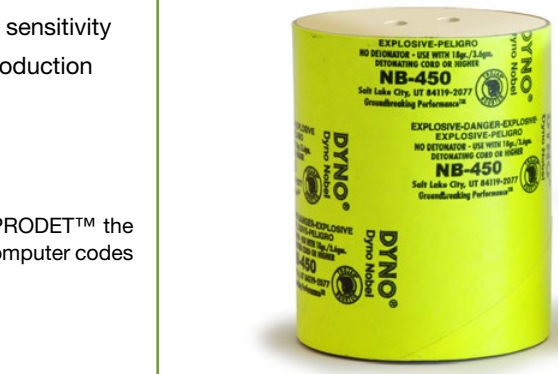
Properties

SDS #1108

Density	g/cc avg	1.60
Velocity	m/sec	7,800
	ft/s	25,600
Detonation Pressure	Kbars	245
Water Resistance		6 months with no loss of sensitivity
Shelf Life Maximum		5 years from date of production
Maximum Usage Temperature		66°C (150°F)

All Dyno Nobel Inc. energy and gas volume values are calculated using PRODET™ the computer code developed by Dyno Nobel Inc. for its exclusive use. Other computer codes may give different values.

Hazardous Shipping Description
- Boosters, 1.1D, UN 0042 PG II



PRODUCT DESCRIPTION

TROJAN NB Superprime cast boosters are detonating cord sensitive, high density, high energy molecular explosives available in various sizes. They contain no internal sensitizers or boosters.

The TROJAN NB Superprime cord sensitive cast boosters are manufactured with two restricted cord tunnels supporting initiation with 3.8 g/m (18 gr/ft) PRIMACORD® detonating cord only. TROJAN NB Superprime cord sensitive cast boosters are made of a homogenous mixture of pure pentolite for superior performance, reliability, consistency and durability.

The chartreuse (safety green) container makes the TROJAN NB Superprime cord sensitive cast booster more visible on the blast site and reduces the possibility of misplaced charges.

APPLICATION RECOMMENDATIONS

- ALWAYS use PRIMACORD brand detonating cord for best results.
- ALWAYS ensure the detonating cord is laced through both cord tunnels when using Primacord 4 (3.6 g/m; 18 gr/ft).
- NEVER use a detonator with TROJAN NB Superprime cord sensitive cast boosters. Misfires may result causing injury or death.

Product Disclaimer: Please see reverse side.

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Properties Cont.

Packaging

Part Number	Unit Weight		Unit Dimensions				Case Quantity	Gross Weight/Case	
			Length		Diameter				
	g	oz	cm	in	cm	in		kg	lbs
CS0225A	225	8	8.6	3.4	4.9	1.9	48	12.3	27.1
CS0350A	350	12	8.6	3.4	6.0	2.4	35	12.8	28.3
CS0450A	450	16	8.6	3.4	6.9	2.7	25	12.3	27.0

Note: All weights and dimensions are approximate.

Case Dimensions

45¾ x 33 x 9½ cm 18 x 13 x 3¾ in

APPLICATION RECOMMENDATIONS - continued

- Extremely low temperatures do not affect the performance of cast boosters with commercial detonators. Low temperatures do affect detonators and detonating cord. Be certain your initiation system is suitable for your application in extremely low temperatures. Cast boosters are more susceptible to breakage during handling in extremely cold temperatures.

TRANSPORTATION, STORAGE AND HANDLING

- Dyno Nobel cast boosters must be transported, stored, handled and used in conformity with all federal, state, provincial and local laws and regulations.
- For maximum shelf life (5 years), Dyno Nobel cast boosters must be stored in a cool, dry, well ventilated magazine. Explosive inventory should be rotated. Avoid using new materials before the old.

ADDITIONAL INFORMATION – Visit **dynonobel.com** for Brochures and Case Studies related to this product.

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