



# Austinite® & HEET® Bulk Products

## AUSTIN POWDER

A TRADITION OF SAFETY, STRENGTH AND SERVICE.

*Booster Sensitive Augered ANFO  
and Emulsion / ANFO Blends.*

### DESCRIPTION

Bulk Austinite 15 (ANFO blasting agent) and bulk HEET (blends of emulsion and Austinite 15) are augered products for dry or dewatered blastholes that provide a wide range of energy and water resistance to meet many application requirements.

### **BENEFITS**

- Good fragmentation and excellent heave provide easy digging muckpiles.
- Energy and water resistance can be adjusted to meet the application demands.
- Bulk HEET loading convenience and the potential for expanded patterns can reduce costs.



### PROPERTIES

Product	Density [g/cc]	VOD*		Water Resistance	Minimum Hole Diameter	
		[ft/s]	[m/s]		[in]	[mm]
Austinite 15	0.82	13,000	3,960	Poor	2	50
<i>Hydromite® 1100 Blends:</i>						
HEET 130	1.20	13,500	4,115	Good**	4	100
HEET 150	1.30	15,500	4,725	Excellent**	5	125
<i>Hydrox® 503 Blends:</i>						
HEET 30	1.22	12,400	3,780	Good**	4	100
HEET 50	1.30	13,700	4,175	Excellent**	5	125

\* 6" confined.

\*\* When loaded in dry or dewatered holes.

### PRIMING

These products are booster sensitive explosives and must be in direct contact with an appropriate size cast booster. Additional primers may be required depending upon geological conditions and face height.

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For more information and service locations in your area, please contact Austin Powder Company's headquarters:

**Austin Powder Company**  
25800 Science Park Drive  
Cleveland, Ohio, USA 44122

Phone: 1-800-321-0752  
Fax: 1-216-464-4418  
Web: [www.austinpowder.com](http://www.austinpowder.com)  
Email: [info@austinpowder.com](mailto:info@austinpowder.com)

## STORAGE

Store in accordance with all applicable local, state, provincial and federal laws.

## SHELF LIFE

These products are designed to be used as they are manufactured from the bulk truck.

## UN CLASSIFICATION

### Austinite 15

**Shipping Name:** Ammonium Nitrate - Fuel Oil Mixture

**Class & Division:** 1.5D

**ID Number:** NA 0331

### Hydromite 1100

**Shipping Name:** Explosive, Blasting, Type E

**Class & Division:** 1.5D

**ID Number:** UN 0332

### Hydrox 503

**Shipping Name:** Oxidizing liquid, n.o.s. (contains Ammonium Nitrate / Fuel Oil Aqueous Emulsion)

**Class & Division:** 5.1

**ID Number:** UN 3375

## DOT REFERENCE NUMBER

EX-1993030283 (Austinite 15)

EX-1987050019 (Hydromite 1100)

EX-1993030287 (Hydrox 503)

## **Disclaimer of Warranties and Limitations of Liabilities**

"Products described in this bulletin are sold by Austin Powder Company without warranty; express, implied or statutory or as to MERCHANTABILITY, except as expressly stated in Austin Powder's straight bill of lading. Under no circumstances shall seller be liable for loss of anticipated profits, consequential damages or incidental damages."