# **Permissible Products**

PRODUCT INFORMATION BROCHURE

Austin Powder Company has developed a variety of permissible products to meet virtually every application. Each of these products offer superior performance and are MSHA approved for use in underground coal mines or where a permissible explosive is desired.

**Coalmex**<sup>™</sup> is a detonator sensitive emulsion explosive with a paste like consistency packaged in plastic film cartridges.

**Red-D Gel-B**<sup>™</sup> is a high velocity dynamite designed for blasting hard coal and difficult rock applications, such as overcasts and undercasts.

**Rockbuster II**<sup>™</sup> is a non-incendive sheathed explosive for unconfined blasting of large boulders and rock slabs in underground coal mines.

# **ADVANTAGES**

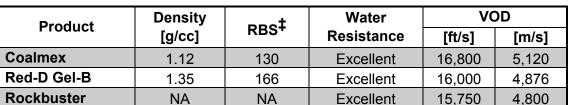
### **Coalmex**

- All Purpose emulsion explosive for blasting coal, partings, rock binders and overcasts.
- Resistant to dynamic pre-compression.

# Red-D Gel-B

- High density and velocity dynamite.
- Dependable under extreme conditions.
- Delivers high energy for difficult blasting.

# PROPERTIES



Energy is calculated using TIGER, a thermo-dynamic computer code used by Austin Powder Company. Other computer codes may give different values. ANFO = 100 @ 0.82 g/cc.







# Rockbuster II

- Completely enclosed unit does not require drilling or stemming.
- Easy to handle, prime and place.
- Flexible package conforms to the surface.
- Saves money by reducing longwall downtime.

# **Permissible Products**

#### PRIMING

Use a high strength permissible detonator (Coal★Star<sup>®</sup>, Coal Mine Delay, Coal Mine Construction Delay, or equivalent).

### PACKAGING

Product	Cartridge Size		Case Count
	[in]	[mm]	50 lb / 20 kg
Coalmex	1 ¼ x 16	32 x 400	60
	1 ½ x 16	38 x 400	48
Red-D Gel-B	1 ¼ x 8	32 x 200	88
	1 ¼ x 16	32 x 400	44
Rockbuster II	13 x 8.5 x 3.5	330 x 215 x 89	4

Note: All dimensions and weights are nominal.

# STANDARD TECHNICAL DESCRIPTION

MSHA approved explosives for underground coal and "gassy" mines

### STORAGE

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

### SHELF LIFE

One year from date of manufacture under good storage conditions.

# TRANSPORTATION DATA

### Coalmex

*Shipping Name:* Explosive, Blasting, Type E *Class & Division:* 1.1D *ID Number:* UN0241

### Red-D Gel-B

Shipping Name: Explosive, Blasting, Type A Class & Division: 1.1D ID Number: UN0081

### Rockbuster

Shipping Name: Rockbuster II Class & Division: 1.1D ID Number: UN0081

# **US DOT REFERENCE NUMBER**

Coalmex (EX-1993050177) Red-D Gel-B (EX-9303286) Rockbuster II (EX-9303286)

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





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