

# HEF 206 and HEF 207 (BLENDED EMULSIONS)

Blend of emulsion with porous ammonium nitrate prills for wet holes

### Product description

HEF 206 and HEF 207 emulsion blends are a mixture of HEF emulsion with porous ammonium nitrate prills, formulated for surface mining and quarrying applications. Emulsion blends are formulated for both dry-hole and wet-hole conditions, suitable for hole diameters of 120 mm and above. This emulsion blend is not packaged but transported and stored as bulk product. BME is able to formulate any ratio of emulsion to porous ammonium nitrate. Consult a BME product specialist.

Product	Relative bulk strength	Relative weight strength
HEF 206	0.87	1.30
HEF 207	0.84	1.25

Calculated at a density of 1.2 g/cm<sup>3</sup> and a pressure of 20 mpa. Relative to ANFO at a density of 0.8 g/cm<sup>3</sup>.

### Application

HEF 206 and HEF 207 are suitable for use in surface mining and quarrying.

### Features

- **Viscosity** – 25 000-35 000 cPS
- **Density when sensitised** – 1.15 g/cm<sup>3</sup> dependant on hole depth
- **VOD** – 3500-5000 m/s dependant on hole and rock characteristics
- **Critical diameter** – 120 mm
- **Minimum initiation** – 400 g booster

### Recommendations

- **Ground temperature** – recommended for use in temperature up to 60 °C
- **Sleep time** – 21 days in hole
- **First aid** – refer to Material Safety Data Sheet for first aid information
- **Safety** – all explosives are classified as dangerous goods and can cause death, personal harm or damage to property if not used correctly
- **Transportation and storage** – all explosives must be transported and stored in accordance with relevant regulations



### Packaging

- Bulk distribution

### Product risk profile

- Classified as hazardous substance, dangerous goods with mass explosion hazard
- Stable under normal storage conditions
- HEF 206 and HEF207 are non detonable in non-sensitized, unconfined bulk form
- Detonation can occur from extreme friction or excessive heating after sensitisation or under confinement
- DO NOT ATTEMPT TO FIGHT AN EXPLOSIVES FIRE

### UN classification (Transport)

- Class 1.1 D, UN No. 0241, EXPLOSIVE, BLASTING, TYPE E