

TECHNICAL DATA SHEET



MegaMEX™ - High Performance Emulsion Explosives

Description

MegaMEX™ is a Water in Oil (W/O) type emulsion explosive designed to achieve higher explosion energy than standard emulsion explosive products.



Features & Benefits

MegaMEX™, designed to deliver power equivalent to that of dynamite explosives, produces excellent blasting results with hard rocks as well as achieving high performance in cut hole and bottom hole blasting. It has improved post-blast fume control, as well as having good resistance to heat, impact and friction.

Technical Data

| MegaMEX™ | |
|--|---------------|
| Velocity of Detonation [VOD] (m/s) (A) | 5,500 |
| Density (g/cc) | 1.2 |
| Relative Weight Strength (%) (B) | 130 |
| Relative Bulk Strength (%) (B) | 190 |
| Water Resistance | High |
| Minimum Usage Temperature | Down to -20°C |
| Shelf Life | 1 year |

(A): Confined @ 36mm diameter

(B): ANFO = 100% @ 0.80g/cc, calculation with 100 MPa

Hazard Classification

| | |
|----------------------|-----------------------------|
| Authorized Name | MegaMEX™ |
| UN No. | 0241 |
| Classification | 1.1D |
| Proper Shipping Name | EXPLOSIVE, BLASTING, TYPE E |

Packaging

| MegaMEX™ | | | |
|-------------------------------|-----------------|-------------|-------------|
| Packaging | Paper Cartridge | | |
| Diameter (mm) | 28 | 32 | 50 |
| Length (mm) | 180 | 420 | 420 |
| Weight (g/each) | 125 | 400 | 1,000 |
| Box Size (mm) | 435x350x200 | 465x355x175 | 470x285x195 |
| Quantity (each/box) | 160 | 50 | 20 |
| Net Explosive Weight (kg/box) | 20 | 20 | 20 |

* The error range of weight/cartridge in the table above is -3 to +5%

Safety

When using MegaMEX™ avoid contact with eyes or skin and wash hands thoroughly after handling. Keep MegaMEX™ away from sources of heat, sparks, flame or hot surfaces and avoid mixing with combustibles or incompatible materials.

Storage

All explosives are classified as Dangerous Goods and must be stored and secured in accordance with relevant local and national regulations.

Disclaimer

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MegaMEX™

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www.hanwhacorp.co.kr/eng/explosives

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PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. Given the variety of factors that can affect the use and application of Product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the Product to determine whether it is fit for a particular purpose and suitable for the user's method of use or application.

The use of Product is an intrinsically dangerous activity and must be restricted to qualified and trained users in possession of any necessary permits and licenses. Always comply with appropriate safety and risk prevention measures and with applicable laws.

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Please contact the following offices for any emergency or enquiry.

Head Office (Korea)

Hanwh Corporation

Hanwa Building 17th floor
86 Ceonggyecheon-ro, Jung-gu, Seoul, Korea 04541

TEL. +82 2 729 1629

FAX. +82 2 729 1850

E-mail commercial@hanwha.com

HMS INDONESIA

PT. Hanwha Mining Services Indonesia

Talavera Office Park, Suite Area, 21th Floor

JL. TB Simatupang Kav 22 Cilandak

Barat Jakarta Selatan 12430

TEL. +62 21 2782 8378

FAX. +62 21 2782 8643

E-mail hmsindonesia@hanwha.com

HMS AUSTRALIA

Hanwha Mining Services Australia Pty Ltd

Level 9, 132 Arthur Street North Sydney NSW 2060

Australia

TEL. +61 416 770 529

Emergency 1800 054 055

E-mail australia@hanwha.com

HMS LATIN AMERICA

Hanwha Mining Services Chile

Alonso de Cordova 5870, Office 707, Las Condes,

Santiago, Chile

TEL. +56 2 2993 7546

E-mail hmschile@hanwha.com

HMS USA

Hanwha Mining Services USA

420 East South Temple Suite 260, Salt Lake City

UTAH 84111, USA

TEL. +1 801 336 1553, 1602

FAX. +1 801 384 0567

E-mail leehw@hanwha.com

SOUTH AFRICA

Hanwha Corporation Johannesburg

Cedar Office estate Block 1, Unit 1A

Corner Stinkwood Cl & Cedar Rd broad acres

2021, Johannesburg, South Africa

TEL. +27 11 317 7300

FAX. +27 11 465 0499

E-mail yhlee@hanwha.com

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