# 2” HMX BH 6.75 Grams Shaped Charge

<table>
<thead>
<tr>
<th>Part No. 101206246</th>
<th>PROPER SHIPPING NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>CE Certificate No. CE0519, ENB/B/036</td>
<td>UN0440, CHARGES, SHAPED, 1.4D, PG II</td>
</tr>
<tr>
<td>DOT EX No.: EX1996080028</td>
<td></td>
</tr>
</tbody>
</table>

### Technical Information

**APPLICATION:**
Shaped charge for oilfield use

**PERFORATING SYSTEM SPECIFICATION (w/ cold drawn steel):**
- **Diameter:** 2.03 inch (51.6 mm) OD
- **Collapse rating:** 20,000 psi (1,379 bar)
- **Tensile rating:** 77,000 lbs (34,921 kg)

**EXPLOSIVES:**
- **Booster:** Pure HMX, 1g
- **Main load:** Desensitized HMX, 5.75 g
- **Density:** > 1.5 g/cm³

**TEMPERATURE LIMITS:**
- 400 °F / 204 °C 1 h
- 338 °F / 170 °C 24 h
- 310 °F / 154 °C 100 h

**PERFORMANCE:**
- Registered API 19B Section 1 data:
  - **Hole Diameter:** 0.48 in (12.2 mm)
  - **Penetration:** 3.0 in (76.2 mm)
- Manufacturing quality control data:
  - **Hole Diameter:** 0.46 in (11.68 mm)
  - **Penetration:** 3.90 in (99.1 mm)

**SHELF LIFE:**
- 10 years when stored unopened in original packaging. Storage temperature: 0 °C / 32 °F min 54 °C / 130 °F max

**DISPOSAL:**
Dispose of product not suitable for oilfield use according to applicable laws and regulations.

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### Packing Information

<table>
<thead>
<tr>
<th>Quantity per box:</th>
<th>100 pieces</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gross weight per box:</td>
<td>8.26 kg (18.2 lb.)</td>
</tr>
<tr>
<td>Net weight per box:</td>
<td>5.44 kg (12 lb.)</td>
</tr>
<tr>
<td>NEC per box:</td>
<td>.675 kg</td>
</tr>
<tr>
<td>Box dim, cm:</td>
<td>45.7 x 30.5 x 12.7</td>
</tr>
<tr>
<td>Box dim, inches:</td>
<td>18 x 12 x 5</td>
</tr>
<tr>
<td>Package type:</td>
<td>Trays with desiccant enclosed by vacuum bag, then placed inside fibreboard box.</td>
</tr>
<tr>
<td>Product Designation:</td>
<td>HES-APRV-004</td>
</tr>
</tbody>
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