### 150 MaxForce®– FRAC HMX 15 Grams Shaped Charge

<table>
<thead>
<tr>
<th>Part No.: 102740045</th>
<th>PROPER SHIPPING NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>CE Certificate No.: N/A</td>
<td>UN0440, CHARGES, SHAPED, 1.4D</td>
</tr>
<tr>
<td>DOT EX No.: EX2012020752</td>
<td></td>
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</tbody>
</table>

#### Technical Drawing
![Diagram of 150 MaxForce®– FRAC HMX 15 Grams Shaped Charge]

#### Technical Information

**APPLICATION:**
Shaped charge for oilfield use.

**EXPLOSIVES:**
- Booster: Pure HMX, 1 g ± 0.1 g
- Main load: Desensitized HMX, 14 g ± 0.2 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:**
- Hole Diameter 0.36 in (9.14 mm)
- EHD Variance 2.4%
- Penetration 23.7 in (QC)

**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>50 pieces</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gross weight per box:</td>
<td>10.71 kg (22.42 lbs)</td>
</tr>
<tr>
<td>Net weight per box:</td>
<td>8.21 kg (18.1 lbs)</td>
</tr>
<tr>
<td>NEC per box:</td>
<td>0.7500 kg</td>
</tr>
<tr>
<td>Box dim:</td>
<td>45.7 x 30.5 x 12.7 cm</td>
</tr>
<tr>
<td>Package type:</td>
<td>Trays with desiccant enclosed by vacuum bag, then placed inside fibreboard box with conical cavities facing inward.</td>
</tr>
<tr>
<td>Product Designation:</td>
<td>DP-HMX-015</td>
</tr>
</tbody>
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