Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier

Product Name: Component Shotshell Wads
Synonyms: Shot Cups; Shotshell Wads
SDS Number/Grade: SSWAD

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified use(s): Handloading/Reloading

1.3 Details of the supplier of the safety data sheet

Manufacturer: Remington Arms
2592 AR HWY 15 N
Lonoke, AR 72086
United States
www.remington.com

Telephone (General): 501-676-3161

1.4 Emergency telephone number

Manufacturer: (800) 424-9300
Manufacturer: 501-676-3161

Section 2: Hazards Identification

EU/EEC

2.1 Classification of the substance or mixture

CLP: Not classified

2.2 Label Elements

CLP: Hazard statements - No label element(s) required

2.3 Other Hazards

CLP: According to Regulation (EC) No. 1272/2008 (CLP) this material is not considered hazardous.
United States (US)
According to: OSHA 29 CFR 1910.1200 HCS

2.1 Classification of the substance or mixture
OSHA HCS 2012
  • Not classified

2.2 Label elements
OSHA HCS 2012
  Hazard statements
  • No label element(s) required

2.3 Other hazards
OSHA HCS 2012
  • This product is not considered hazardous under the U.S. OSHA 29 CFR 1910.1200 Hazard Communication Standard.

Section 3 - Composition/Information on Ingredients

3.1 Substances

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Identifiers</th>
<th>%</th>
<th>LD50/LC50</th>
<th>Classifications According to Regulation/Directive</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyethylene</td>
<td>NDA</td>
<td>100%</td>
<td>NDA</td>
<td>EU CLP: Not Classified</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>OSHA HCS 2012: Not Classified</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>NDA</td>
<td></td>
</tr>
</tbody>
</table>

3.2 Mixtures

  • Material does not meet the criteria of a mixture in accordance with Regulation (EC) No 1272/2008.

Section 4 - First Aid Measures

4.1 Description of first aid measures

Inhalation
  • First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. If signs/symptoms develop, move person to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. If signs/symptoms continue, get medical attention.

Skin
  • First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. Wash skin with soap and water. If signs/symptoms develop, get medical attention.

Eye
  • First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. If contact with material occurs flush eyes with water. If signs/symptoms develop, get medical attention.

Ingestion
  • First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. If signs/symptoms develop, get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

  • Under normal conditions of use, no health effects are expected.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to Physician
  • No specific actions or treatments recommended related to exposure to this material.
Section 5 - Firefighting Measures

5.1 Extinguishing media

Suitable Extinguishing Media
- Water, carbon dioxide, dry chemical, earth.

Unsuitable Extinguishing Media
- No data available.

5.2 Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards
- Material will burn, but will not ignite readily.

Hazardous Combustion Products
- No data available

5.3 Advice for firefighters
- Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing will only provide limited protection. Fight fire with normal precautions from a reasonable distance.

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions
- Do not walk through spilled material. Do not strike or crush the rounds.

Emergency Procedures
- Use normal clean up procedures.

6.2 Environmental precautions
- No special environmental precautions necessary.

6.3 Methods and material for containment and cleaning up

Containment/Clean-up Measures
- Carefully shovel or sweep up spilled material and place in suitable container.

6.4 Reference to other sections
- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

Section 7 - Handling and Storage

7.1 Precautions for safe handling

Handling
- Use good safety and industrial hygiene practices. Handle with care. Do not strike or crush the rounds (cartridges).

7.2 Conditions for safe storage, including any incompatibilities

Storage
- Keep only in the original container. Store in a cool, dry, well-ventilated place. Keep away from sources of ignition – No Smoking. Do not subject to mechanical shock. This product must not be stored with acids, strong oxidizers or caustics.

7.3 Specific end use(s)
- Refer to Section 1.2 - Relevant identified uses.

Section 8 - Exposure Controls/Personal Protection

8.1 Control parameters

Exposure Limits/Guidelines
- No applicable exposure limits available for product or components.
8.2 Exposure controls

**Engineering Measures/Controls**
- Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

**Personal Protective Equipment**

**Respiratory**
- Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or symptoms are experienced.

**Eye/Face**
- Wear safety glasses.

**Skin/Body**
- Wear protective clothing

**Environmental Exposure Controls**
- Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways. Follow best practice for site management and disposal of waste.

**Additional Protection Measures**
- Hearing protection recommended when firing rounds.

---

### Section 9 - Physical and Chemical Properties

#### 9.1 Information on Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Material Description</th>
<th>Physical Form</th>
<th>Appearance/Description</th>
<th>Various colored solid with no odor.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Solid</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>Various</td>
<td>Odor</td>
<td>No odor.</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Data lacking</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Boiling Point        | Data lacking  | Melting Point/Freezing Point | 100 to 400 C(212 to 752 F) |
| Decomposition        | Data lacking  | pH                       | Data lacking                      |
| Temperature          |               |                          |                                   |
| Specific Gravity/Relative Density | Data lacking | Water Solubility | Negligible < 0.1 % |
| Viscosity            | Data lacking  | Explosive Properties     | Data lacking                      |
| Oxidizing Properties | Data lacking  |                         |                                   |

**Volatility**

| Vapor Pressure       | Data lacking  | Vapor Density            | Data lacking |
| Evaporation Rate     | Data lacking  |                         |             |

**Flammability**

| Flash Point          | Data lacking  | UEL                      | Data lacking |
| LEL                  | Data lacking  | Autoignition             | Data lacking |
| Flammability (solid, gas) | Data lacking  |                         |             |

**Environmental**

| Octanol/Water Partition coefficient | Data lacking |

#### 9.2 Other Information

- No additional physical and chemical parameters noted.

---

### Section 10: Stability and Reactivity

#### 10.1 Reactivity

- No dangerous reaction known under conditions of normal use.

#### 10.2 Chemical stability

- Stable under normal temperatures and pressures.
10.3 Possibility of hazardous reactions
   - Hazardous polymerization will not occur.

10.4 Conditions to avoid
   - No data available

10.5 Incompatible materials
   - No data available

10.6 Hazardous decomposition products
   - No data available.

---

Section 11 - Toxicological Information

11.1 Information on toxicological effects

<table>
<thead>
<tr>
<th>GHS Properties</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Respiratory sensitization</td>
<td>EU/CLP • Data lacking</td>
</tr>
<tr>
<td></td>
<td>OSHA HCS 2012 • Data lacking</td>
</tr>
<tr>
<td>Serious eye damage/Irritation</td>
<td>EU/CLP • Data lacking</td>
</tr>
<tr>
<td></td>
<td>OSHA HCS 2012 • Data lacking</td>
</tr>
<tr>
<td>Acute toxicity</td>
<td>EU/CLP • Data lacking</td>
</tr>
<tr>
<td></td>
<td>OSHA HCS 2012 • Data lacking</td>
</tr>
<tr>
<td>Aspiration Hazard</td>
<td>EU/CLP • Data lacking</td>
</tr>
<tr>
<td></td>
<td>OSHA HCS 2012 • Data lacking</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>EU/CLP • Data lacking</td>
</tr>
<tr>
<td></td>
<td>OSHA HCS 2012 • Data lacking</td>
</tr>
<tr>
<td>Germ Cell Mutagenicity</td>
<td>EU/CLP • Data lacking</td>
</tr>
<tr>
<td></td>
<td>OSHA HCS 2012 • Data lacking</td>
</tr>
<tr>
<td>Skin corrosion/Irritation</td>
<td>EU/CLP • Data lacking</td>
</tr>
<tr>
<td></td>
<td>OSHA HCS 2012 • Data lacking</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>EU/CLP • Data lacking</td>
</tr>
<tr>
<td></td>
<td>OSHA HCS 2012 • Data lacking</td>
</tr>
<tr>
<td>STOT-RE</td>
<td>EU/CLP • Data lacking</td>
</tr>
<tr>
<td></td>
<td>OSHA HCS 2012 • Data lacking</td>
</tr>
<tr>
<td>STOT-SE</td>
<td>EU/CLP • Data lacking</td>
</tr>
<tr>
<td></td>
<td>OSHA HCS 2012 • Data lacking</td>
</tr>
<tr>
<td>Toxicity for Reproduction</td>
<td>EU/CLP • Data lacking</td>
</tr>
<tr>
<td></td>
<td>OSHA HCS 2012 • Data lacking</td>
</tr>
</tbody>
</table>

Potential Health Effects

Inhalation
   - Acute (Immediate) • No data available
   - Chronic (Delayed) • No data available

Skin
   - Acute (Immediate) • No data available
Chronic (Delayed)  •  No data available

Eye
Acute (Immediate)  •  No data available
Chronic (Delayed)  •  No data available

Ingestion
Acute (Immediate)  •  No data available
Chronic (Delayed)  •  No data available

---

Section 12 - Ecological Information

12.1 Toxicity
•  Material data lacking.

12.2 Persistence and degradability
•  Material data lacking.

12.3 Bioaccumulative potential
•  Material data lacking.

12.4 Mobility in Soil
•  Material data lacking.

12.5 Results of PBT and vPvB assessment
•  PBT and vPvB assessment has not been conducted for this material.

12.6 Other adverse effects
•  No studies have been found.

---

Section 13 - Disposal Considerations

13.1 Waste treatment methods
Product waste  •  Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.
Packaging waste  •  Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

---

Section 14 - Transport Information

<table>
<thead>
<tr>
<th>14.1 UN number</th>
<th>14.2 UN proper shipping name</th>
<th>14.3 Transport hazard class(es)</th>
<th>14.4 Packing group</th>
<th>14.5 Environmental hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT</td>
<td>NDA</td>
<td>NDA</td>
<td>NDA</td>
<td>NDA</td>
</tr>
<tr>
<td>TDG</td>
<td>NDA</td>
<td>NDA</td>
<td>NDA</td>
<td>NDA</td>
</tr>
<tr>
<td>IMO/IMDG</td>
<td>NDA</td>
<td>NDA</td>
<td>NDA</td>
<td>NDA</td>
</tr>
<tr>
<td>IATA/ICAO</td>
<td>NDA</td>
<td>NDA</td>
<td>NDA</td>
<td>NDA</td>
</tr>
</tbody>
</table>

14.6 Special precautions for user
•  None known.

14.7 Transport in bulk according to Annex II of
•  Not relevant.
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

**SARA Hazard Classifications**  
- None

### Europe

| Other | EU - CLP (1272/2008) - Annex VI - Table 3.2 - Concentration Limits  
Not Listed | EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling  
Not Listed | EU - CLP (1272/2008) - Annex VI - Table 3.2 - Notes - Substances and Preparations  
Not Listed | EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases  
Not Listed |

### United States

| Labor | U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals  
Not Listed | U.S. - OSHA - Specifically Regulated Chemicals  
Not Listed |

| Environment | U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants  
Not Listed | U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities  
Not Listed | U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities  
Not Listed | U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs  
Not Listed | U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs  
Not Listed | U.S. - CERCLA/SARA - Section 313 - Emission Reporting  
Not Listed | U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing  
Not Listed |

### United States - California

| Environment | U.S. - California - Proposition 65 - Carcinogens List  
Not Listed | U.S. - California - Proposition 65 - Developmental Toxicity  
Not Listed | U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)  
Not Listed | U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)  
Not Listed | U.S. - California - Proposition 65 - Reproductive Toxicity - Female  
Not Listed |
15.2 Chemical Safety Assessment

- No Chemical Safety Assessment has been carried out.

Section 16 - Other Information

Revision Date
25/November/2015

Preparation Date
06/August/2013

Disclaimer/Statement of Liability
The information contained in this Safety Data Sheet is provided to all individuals who are or will be exposed to this product through use, handling, storage or transport. Remington believes, yet makes no warranty, that all information contained in this document is current as of the date of publication.

Key to abbreviations
NDA = No Data Available