# Product Data Sheet

## Product Type:
- **Zinc Dust Regular** (ASTM D520 Type I)

## Description:
- Distilled fine metal powders.
- Optimally sized by screening and air classification.

## Specification:

<table>
<thead>
<tr>
<th></th>
<th>USZ # 1 Superfine</th>
<th>USZ # 5 Superfine</th>
<th>USZ # 7 Superfine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Zinc</td>
<td>% min. 98.5</td>
<td>% min. 98.5</td>
<td>% min. 98.5</td>
</tr>
<tr>
<td>Metallic Zinc</td>
<td>% min. 94</td>
<td>% min. 94</td>
<td>% min. 94</td>
</tr>
<tr>
<td>Lead</td>
<td>% max. 0.2</td>
<td>% max. 0.2</td>
<td>% max. 0.2</td>
</tr>
<tr>
<td>Cadmium</td>
<td>% max. 0.06</td>
<td>% max. 0.06</td>
<td>% max. 0.06</td>
</tr>
<tr>
<td>Iron</td>
<td>% max. 0.03</td>
<td>% max. 0.03</td>
<td>% max. 0.03</td>
</tr>
<tr>
<td>Average Particle Size</td>
<td>microns 5 – 8</td>
<td>microns 3.5 - 5.5</td>
<td>microns 2.5 - 4.5</td>
</tr>
<tr>
<td>Sieve +100 mesh (150 µ)</td>
<td>% max. Trace</td>
<td>% max. Trace</td>
<td>% max. Trace</td>
</tr>
<tr>
<td></td>
<td>% max. 0.1</td>
<td>% max. 0.01</td>
<td>% max. 0.01</td>
</tr>
<tr>
<td></td>
<td>% max. 4</td>
<td>% max. 0.1</td>
<td>% max. 0.05</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>7.1</td>
<td>7.1</td>
<td>7.1</td>
</tr>
</tbody>
</table>

## Typical Applications:
- Chemicals
- Coatings
- Lubricants
- Paints
- Plating
- Purification

## Packaging:
- Standard - up to 100 # in pails, up to 500 # in fiber drums, above 1,000 # in super sacks. Custom packaging upon request.

## Storage & Shelf Life:
- Zinc dust is sensitive to moisture - store in a cool, dry location.
- Unsealing the container or storing in a humid area will reduce the shelf life.

## Alternative Grades:
- Additives, custom blends and tailoring to specific requirements are available upon request.

## U.S. ZINC Products:
- Zinc dust ; Zinc fines ; Zinc metal ; Zinc oxide.

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**Office:** 2727 Allen Parkway, Suite 800, Houston, Texas 77019

**Tel:** (713) 926-1705

**Fax:** (713) 924-4824

**Email:** dustinfo@uszinc.com

**Web site:** www.uszinc.com

(PDS-USZ-REG)

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