



SHANDONG KAITAI SHOT BLASTING MACHINERY SHARE CO.,LTD  
QINGYANG,ZOUPING,SHANDONG,CHINA

## MATERIAL SAFETY DATA SHEET

### MSDS

#### I. IDENTIFICATION

Product Name: Steel Shot and Steel Grit

Chemical Family: High Carbon Steel

Formula: N/A

II. INGREDIENTS	C.A.S. NO.	%W	LISTED AS CARCINOGEN
Fe-Iron	1309-37-1	>97	NO
C-Carbon	1333-86-4	0.80-1.20	NO
Mn-Manganese	7439-96-5	0.35-1.20	NO
Si-Silicon	7440-21-3	0.40-1.20	NO
S-Sulfur		≤0.05	
P-Phosphorus		≤0.05	

#### TLV/PEL

IRON N/A

CARBON 3.5NG/N3

MANGANESE

SILICON 10(E)

#### ABBREVIATIONS

N/D-Not Determined.

N/A-Not Applicable

Product Name: Steel Shot

#### III. PHYSICAL DATA

Vapor Pressure: N/A  
(mm Hg)

Solubility in Water: N/A

Vapor Density: N/A  
(Air=1)

Specific Gravity (Water=1): 7.0

Evaporation Rate: 0

Percent Volatile: 0  
(By Volume %)

Melting Point: 1400-1477

Boiling Point: 2847-3100

Appearance and Odor: Near Spherical or angular particles no odor.

#### IV. FIRE AND EXPLOSION HAZARD DATA

Flashpoint: N/A



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Flammable Limits: None

Extinguishing Media: N/A

Specific Fire Fighting Procedures: Not combustible when used as an abrasive

Unusual Fire and Explosion Hazards: Very fine dust can burn when exposed to flame

### V. REACTIVITY DATA

Stability: Stable

Incompatibility: Contact with acid released hydrogen

Hazardous Polymerization: Will not occur

Hazardous Decomposition Products: None

Conditions to Avoid: Heat and fire when in dust form.

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### VI. ENVIRONMENTAL INFORMATION

Spill Response: Sweep from floor to prevent fall-type injuries

Recommended Disposal: Non-hazardous, comply with federal, state and local regulations for land fill methods.

### VII. HEALTH HAZARDA DATA

Eye contact: Flush/wash eyes and consult physician

Skin Abrasion: Wash wound, disinfect, bandage, consult physician if serious.

Inhalation: Move to fresh air, consult physician

Effects of Overexposure: Can cause eye infection if embedded in eye and no treat.

Inhalation of dusts may lead to lung irritation.

### VIII. SPECIAL PROTECTION INFORMATION

Respiratory Protection: Single use respirator when inhaling fines.

Ventilation: Local exhausts, adequate dust collecting system to remove suspended particular from equipment and ambience environment.

Protective Gloves: As required.

Eye Protection: Safety goggles.

Other Protective Equipment: As dictated by good judgment

### IX. PRECAUTIONARY INFORMATION

Precautions to be taken in handling and storing: None-other than watching floor loading and stacking practice due to high density of product.

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## **DISCLAIMER**

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