



# JX Abrasives

## MATERIAL SAFETY DATA SHEET

### STEEL SHOT

Date Of Issue: January 2015 Revision 3

#### 1. Identification

Product Name: Steel Shot

Supplier: JINXING STEEL SHOT CO.,LTD.QUANZHOU FUJIAN

Address: NO.35 FURONG SOUTH ROAD MEISHAN TOWN NANAN CITY FUJIAN

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#### 2. Name of Material:

Steel abrasive grains for shot blasting and shot peening, such as the products of Steel Shot and Steel Grit.

#### 3. Chemical Composition (Mass %)

Elements	Content (Mass %)
Carbon (C)	0.80-1.2
Silicon (Si)	0.40-1.5
Manganese (Mn)	0.35-1.2
Phosphorous (P)	Max 0.05
Sulfur (S)	Max 0.05
Ferrous (Fe)	Balance
Other	Max 1.00

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## 4. Hazardous Ingredients

None. Yet the dust such as steel or aluminum generate from the work during operation should be treated in accordance with the related laws on dust or dangerous substance of the country in which the products are consumed.

## 5. Physical Properties

Appearance	Spherical (steel shot) and Angular grains (steel grit)
Melting point	1,470 c
Flash point	non-flammable

## 6. . When eyes are contaminated

When the eyes are contaminated with foreign particles, cleanse the eyes and consult an eye doctor.

## 7. Anti-Exposure Measure

7.1 Keep the dust collector of the shot blast in a good condition to prevent spilling the dust which may contaminate the surroundings.

7.2 Wear safety glasses, safety gloves, respiratory guard and/or protective clothing in accordance with the types of shot blast.

## 8. Hazard and Harm Data

None, as being applicable to the products themselves. Yet the dust generated during operation may have flammability, such degree depends on the operation.

## 9. In Case of Fire

Employ the mass of dried sand

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## 10. Caution in Use

- 10.1 Be aware of the ignition source, such as of the dust collector which may lead to smolder and burn the generated dust with oil or carbon powder. Also well be aware of the source of the commercial vacuum cleaner to be used to vacuum the dust.
- 10.2 Be aware of slippery steel shot when split on the floor because of its spherical shape. Prevent spilling, vacuum the floor regularly and use a checked pattern floor.
- 10.3 When the customer is handling and storing, keep the products dry to reduce rusting because they may rust and deteriorate its quality with water.
- 10.4 The chief element of steel shot & steel grit is ferrous, but it may be hazardous if it is mixed with foreign substance by chemical changes.
- 10.5 The products are not edible. Do not use them except purposes defined such as blasting or peening.
- 10.6 When our materials are used for blasting or peening, the blasting machine is to be maintained enough because the blasting machine deliver the products with a high speed.
- 10.7 Do not spill the products on the road during transportation because it may cause a traffic accident or problem.
- 10.8 Before a disposal of the used products, examine whether the products are not contaminated or mixed with dangerous substances during the operation.

The company has no control over the products or its usage after it leaves our factory. The company assumes no liability for loss or damage incurred from an improper use of this product.

The information present here has been compiled from the sources considered to be reliable and accurate to be best knowledge and belief.

**Date of Isued 1st January 2015**

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