

SAFETY DATA SHEET

Peerless Metal Powders & Abrasive LLC
124 S. Military St.
Detroit, MI 48209
USA

February 19, 2016

1. Product and Company Identification

Product Name: Steel Shot, Steel Grit, GN Grit, Flex Shot, Ultra Soft Shot, Steel Aggregate, Cast Iron Aggregate, Steel Ballast

Manufacturer: Peerless Metal Powders & Abrasive L.L.C., 124 S. Military St., Detroit, MI 48209

Phone (313) 841-5400 Fax (313) 841-0240

Emergency Phones (313) 841-5400 primary, (888) 989-3647 secondary

2. Composition / Information on Ingredients

Steel and Iron particles / Principle constituents

C	0.01 – 3.0%	Mn	0.10 – 1.0%
Si	0.2 – 3.0%	S	0.1% max
P	0.1% max	Fe	Balance by subtraction

3. Hazards

Peerless currently knows no risk to people or the environment from this class of product.

If dust is generated during the use of handling of these materials, extra precaution for eye protection (eye glasses or goggles), skin (gloves and long sleeves) and respiration (particle dust mask) are recommended. Spills of these materials may present a slip/fall hazard.

4. First-Aid Measures

Eyes: Wash/rinse with clean water or sterile eye wash solution. If irritation persists, consult physician.

Skin: Wash with soap and water. If cut or if irritation persists, consult a physician.

Inhalation: Remove to fresh air, give water for cough and consult a physician.

Ingestion: Rinse out mouth and consult a physician.

5. Fire Fighting Measures

These materials, as coarse particles, are non-flammable and do not react with water or other materials used for extinguishing fire. Fine metal dust may pose a risk of fire or explosion if accumulated, mixed and confined with an ignition source. When handling fine particles generated from this material, avoid creating dust clouds and ignition sources.

In the event of powder metal fire, avoid scattering material. CO₂ is suitable for extinguishing.

6. Accidental Release Measures

Sweep up with broom and/or flat scoop shovel. Loose material can create a slip and fall hazard. Avoid creating dust clouds. Wear eye protection, dust mask and gloves while working with this material.

SAFETY DATA SHEET

7. Handling and Storage

Use proper capacity device when moving packaged material (pallet, drum, pail or bulk bag). Store in dry place. Do not stack in unstable manner. Avoid rupturing container by piercing or dropping.

8. Exposure Controls / Personal Protection

Use adequate local exhaust ventilation if dusty conditions are created while handling these products. A particulate dust mask may also be appropriate to supplement the ventilation system. Eye protection in the form of glasses with side shields, fitted goggles and/or face shields are indicated for handling these materials. Long sleeves and gloves will reduce the possibility of skin contact and abrasion while handling these materials.

9. Physical and Chemical Properties

Form: Solid metallic particles	Solubility in water: very low - may form rust
Odor: None	Non-flammable, except as fine dust
Bulk Density: 2.4 to 4.8 tonne/m ³	Color: various - grey, lustrous metallic, black
Specific Density: 6.8 to 7.8 tonne/m ³	Vapor pressure: Very low at room temperature
Melting Temperature: 1200° to 1500°C	

10. Stability and Reactivity

Stable under normal conditions. These products do not present danger for hazardous reactions.

11. Toxicological Information

No known severe toxicity. No known local effects. Nuisance dust exposure may cause eye and/or throat irritation.

12. Ecological Information

Non-hazardous.

13. Disposal

May be disposed as non-hazardous solid waste in compliance with local regulations. Special conditions may apply if mixed with other material.

14. Transportation

Not regulated. Comply with normal shipping methods. Material should be kept dry.

15 Regulatory Information

None apply.

16. Other Information

Revision: 0. Issue date: June 3, 2015. Djc

Revision: 1. Revised product names and corrected minor punctuation January 21, 2016. djc