

GMA Industries
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MATERIAL SAFETY DATA SHEET

REVISION DATE: 01-08-03

I. IDENTIFICATION

Product Name: Steel Shot and Steel Grit

Chemical Family: Ferrous Metal

Formula: N/A

II. INGREDIENTS	C.A.S. NO.	%	ACGIH - TLV	OSHA - PEL	LISTED AS CARCINOGEN
Iron - Fe	1309-37-1	>96	N/A	N/A	NO
Carbon - C	1333-86-4	<1.2	3.5 MG/M ³	NL (2)	NO
Manganese - Mn	7439-96-5	<1.3	5	N/A	NO
Silicon - Si	7440-21-3	<1.2	10 (E)	15/NL	NO
Chromium - Cr	7440-47-3	<0.25	.5	1	NO
Nickel - Ni	7440-02-0	<0.20	.05	1	NO

Abbreviations

N/D – Not Determined.

N/A – Not Applicable.

III. PHYSICAL DATA

Vapor Pressure:	0	Solubility in Water:	N/A
Vapor Density (Air = 1):	N/A	Specific Gravity (water = 1):	7.0
Evaporation Rate:	0	Percent Volatile:	0
Boiling Point (°F):	5432°		
Appearance and Order:	Near spherical or angular particles, no odor.		

IV. FIRE AND EXPLOSION HAZARD DATA

Flashpoint:	N/A
Flammable Limits:	None
Unusual Fire and Explosion Hazards:	Very fine dust can burn when used as an abrasive.
Special Fire Fighting Procedures:	Not combustible when used as an abrasive.

Product Name: Steel Shot

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.

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. SPECIAL PROTECTION INFORMATION

Respiratory Protection: Single use respirator when inhaling fines.

Ventilation: Local exhaust, adequate dust collecting system to remove suspended particulate from equipment and ambient environment.

Protective Gloves: As required.

Eye Protection: Safety goggles.

Other Protective Equipment: As dictated by good judgment.

VIII. PRECAUTIONARY HAZARD DATA

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

IX. HEALTH HAZARD DATA

Effects of Overexposure: Can cause eye infection if embedded in eye and no treated. Inhalation of dusts may lead to lung irritation.

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

Eye Contact: Flush/wash eyes and consult physician.

Inhalation: Move to fresh air, consult physician.

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