

## Safety Data Sheet

According to EU Directive 91/155/EEC  
Revision Date: 01.01.2025

### Section 1 – Identification

**1.1 Product Identifier:**

Steel grit (irregular), sorted according to international standards with letters and numbers, which correspond with particle size and shape.

**1.2 Relevant Identified Uses of The Substance or Mixture and Uses Advised Against**

Identified Use(s) Consult the Supplier

**1.3 Details of the Supplier of the Safety Data Sheet**

Manufacturer/Supplier

GMA Industries, Inc

38127 Ecorse Rd

Romulus, MI 48174

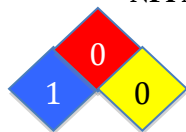
Phone: (734) 595-7300

### Section 2 – Hazards Identification

**2.1 Classification on the substance or mixture**

These products are chemically inert and do not present any specific risk to people or the environment. These products do not contain any radioactive elements. The steel abrasive as such is not dangerous. Compounds, processing conditions and products that are created during blasting and other surface treatment methods can be hazardous. It must be absolutely ensured that the proper instructions have been issued and that all precautions for working with steel shot have been met.

**NFPA Rating: (scale 0-4)**



Health = 1  
Fire = 0  
Reactivity = 0

**HMIS-ratings: (scale 0-4)**

|            |   |
|------------|---|
| HEALTH     | 1 |
| FIRE       | 0 |
| REACTIVITY | 0 |

Health = 1  
Fire = 0  
Reactivity = 0

## Section 3 – Composition/Information on Ingredients

### 3.2 Mixtures

Descriptions: Mixture of substances listed below with nonhazardous additions

| Element | Concentration | CAS       |
|---------|---------------|-----------|
| C       | 0.80-1.20%    | 7440-44-0 |
| MN      | 0.60-1.20%    | 7439-96-5 |
| SI      | 0.40-1.00%    | 7440-21-3 |
| FE      | >96.00%       | 1309-37-1 |
| P       | 0.035% max    | 7723-14-0 |
| S       | 0.035% max    | 7704-34-9 |

## Section 4 – First Aid Measures

### 4.1 Description of first aid measures

**Eyes** – Wash eye out under clean running water. If some kind of foreign object has landed in the eyes, get medical help to remove it.

**Lungs** – Get outside into the fresh air. Remain calm and stay warm. Get medical help.

**Skin**: Wash thoroughly using soap and water. Get medical help.

**Mouth**: Rinse out using clean water. Get medical help.

## Section 5 – Firefighting Measures

These products are non-flammable and do not react to the use of water or other materials used for extinguishing fire. Fine metal dust that is created as a waste stream and/or contaminants that are removed during the blasting process may pose a small risk of fire or explosion.

## Section 6 – Accident Release Measures

Scrap and remnants can create slip-and-fall hazards. It is recommended to keep floors and work areas clean at all times. Disposing of and possible recycle of this product must be carried out in accordance with the usual and customary guidelines for all other types of metal products.

## Section 7 – Handling and Storage

Special care must be exercised to prevent product leakage. Keep dry to reduce rusting. Observe maximum floor loading limitations.

## Section 8 – Exposure Controls/Personal Protections

### 8.1 Control Parameters

The nature of the personal protection required during blasting depends on the type of equipment used, and the person using the personal protection is responsible for determining the best possible protective clothing for the operator.

**Respiration**: Dust Mask

**Ventilation**: L.E.V

**Gloves**: Longwearing and durable under industrial usage conditions

**Eye Protection**: Protective goggles and/or mask

**Other Protective Measures**: Protective work suits and work boots

## Section 9 – Physical and Chemical Properties

### 9.1 Information on Basic Physical And Chemical Properties

Non-flammable and inert (non-explosive)

Boiling Point: Approximately 3000 °C (~5400 °F)

Melting Point: Approximately 1500° C (~2700 °F)

Sparking Does Not Apply

Spontaneous Combustion Does Not Apply

Vapor Pressure Does Not Apply

Water Solubility Does Not Apply

Density Approximately 7.8 g/cm<sup>3</sup>

**9.2 Other Information:** No further relevant information available.

## Section 10 – Stability and Reactivity

Under normal working conditions, the product is stable and does not present any danger for hazardous reactions to occur.

## Section 11 – Toxicological Information

Primary Routes of Entry: Inhalation of dust or fumes created during use, or dust particulate in eyes.

Overexposure to dust containing the component elements of cast steel grit may cause skin, nose, mouth, and eye irritation.

## Section 12 – Ecological Information

The product, as delivered, does not present any type of threat to the environment. If this product is exposed to atmospheric agents, however, there is the possibility that elements may be released that could be toxic. Use this product under the best possible working conditions and avoid releasing it into the environment. Make sure that any leftover contents are disposed of properly, including empty containers.

## Section 13 – Disposal Considerations

Disposing of and recycling of this product must be carried out in accordance with the usual and customary guidelines for all other types of metal products.

## Section 14 – Transportation Information

There are no special conditions. The usual and customary procedures should be used.

## Section 15 – Regulatory Information

No regulations apply.

## Section 16 – Other Information

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