

# SAFETY DATA SHEET

Prepared in accordance with EU Directive 91/155/EEC

## Information on Product Safety: Reclaim Steel Abrasive

Revision A; 05/01/2015

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### 1. Information regarding substances/preparation, the company/business

#### 1.1 The Substance

Cast steel abrasive, shot (round) and/or grit (irregular), sorted according to international standards with letters and numbers which correspond with particle size and shape.

#### 1.2 The Company

Asbury Wilkinson  
1115 Sutton Drive Burlington, Ont. L7L-5Z8  
Emergency phone/fax number  
Phone: (905)-332- 0862 / Fax: (905)-332-6491

### 2. Composition of substances

Composition: Cast steel

Chemical composition:

C 0.80 - 1.20%  
Mn 0.35 - 1.20%  
Si 0.40 - 1.50%  
S 0.05% max.  
P 0.05% max.

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## 3. Hazards

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 or grit have been met.

## 4. 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.

## 5. Fire-fighting strategies

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.

## 6. Accidental 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.

## 7. Handling and warehousing

Special care must be exercised to prevent product leakage.

## 8. Application control/personal safety

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: Long-wearing and durable under industrial usage conditions

Eye protection: Protective goggles and/or mask

Other protective measures: Protective work suits and work boots

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## 9. 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 Very low - not hazardous at room (ambient) temperature  
Water solubility Very little danger of rust forming  
Density Approximately 7.8 g/cm<sup>3</sup>

## 10. Stability and reactivity

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

## 11. Toxicological information

No specific indications or counter indications.

## 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.

## 13. Disposal

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.

## 14. Transport

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

## 15. Regulations

No regulations apply.

## 16. Miscellaneous information

This is our most up-to-date information. Asbury Wilkinson cannot be held responsible if the delivered products are used for purposes other than intended. No guarantee can be made regarding the absolute correctness of the values or information shown. This information relates only to the delivered steel shot in its original, unused state. Asbury Wilkinson accepts no responsibility or liability for changes in product features or classification for products that have already been used, or for products that have not been used in accordance with the relevant standards processes.