SELEE Product Information Sheet
For Safe Handling and Disposal

Introduction

Name of Product:
SELEE® FEAF Filter

Product Use:
Molten metal filtration

Contact Information:
SELEE Corporation

Address:
700 Shepherd Street
Hendersonville, NC 28792 U.S.A

Telephone Number:
+1 (828) 697-2411
+1 (800) 438-7274

NOTE: This product is considered an "article" per OSHA 29 CFR 1910.1200 (HCS) and hazard communication is not required. Since it is in the best interest of the consumer that information about this product be readily available, SELEE Corporation has listed all information pertinent to the safe handling and disposal of this product for its intended use and foreseeable misuse. The product is a fired ceramic material with individual components bound in a glass matrix and is considered non-hazardous. A ceramic fiber gasket may be wrapped around the edges of the product, and a Safety Data Sheet (SDS) pertinent to the safe handling and disposal of the gasket will accompany the product when applicable.

Composition

Component Name
Ceramic filter

ATTENTION:
This product contains crystalline silica, but it is not released under the normal conditions of use. Cutting or destroying the product may produce respirable dust containing crystalline silica.

Personal Protection and Exposure Controls

Engineering Controls:
A well-ventilated area is recommended for use.

Personal Protective Equipment (PPE):
Eye Protection:
General handling of the product: cutting or damaging a new or spent filter may generate ceramic dust particles that can pose a mechanical risk to eye injury. Safety glasses should be worn.

Skin Protection:
Gloves should be worn due to the abrasiveness of the filter.

Respiratory Protection:
Ceramic dust particles could become airborne during handling and pose a risk for inhalation. Use in a well ventilated area. Using professional judgment, a respirator can be used.

Handling and Storage

Precautions for safe handling:
Use appropriate industrial hygiene and safety practices by washing hands before breaks and at the end of shifts.

Conditions for safe storage, including incompatibilities:
Store in dry area. Avoid dust generation.

Possibility of hazardous reactions:
Introduction of water to molten metal can cause an explosion. Do not use wet or moist product in contact with molten aluminum as risk of explosion.

Conditions to avoid:
Avoid wet or moist conditions.

First Aid Measures

Eye:
Safety glasses should be worn to protect against mechanical eye irritation. Flush eye with water or saline solution. Consult medial professional if irritation persists.

Skin:
Proper gloves should be worn to protect against abrasion.

Inhalation:
Remove person to fresh air. Do not inhale dust.

Ingestion:
Not a typical mode of exposure.

Physical and Chemical Properties

Physical State and Color:
Solid, open pore structure; Off-white in color

Specific Gravity:
Approx. 2.7

Melting Point:
1593° C

Chemical Stability:
Stable

Disposal Considerations

Waste disposal:
Do not dispose of using sewage disposal. Material should be discarded in proper waste receptacles OR in accordance with Federal, State and Local regulations.

Transport Information

U.S. Department of Transportation (DOT): Not regulated as a Hazardous Material.

United Nations Model Regulation on the Transport of Dangerous Goods: Not regulated as a Hazardous Material.

Regulatory Information

U.S. Regulations:
None for fired ceramic articles.

International Regulations:
None for fired ceramic articles.

Additional Information

Changes made after revision: None, this revision is new.

The above information is believed to be correct, but does not purport to be all-inclusive and should be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

END OF PRODUCT INFORMATION SHEET