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**Version:** New  
**Revised:** New

## SELEE Product Information Sheet

For Safe Handling and Disposal

### Introduction

**Name of Product:**  
Carbon Composite Plate

**Product Use:**  
Bipolar Plate for Fuel Cell, various other uses

**Contact Information:**  
SELEE Corporation

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**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 carbon/graphite composite plate with individual components bound in vitreous carbon bond, and is considered non-hazardous.

### Composition

Component Name

Carbon composite plate

### 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 bi-polar plate may generate carbon dust particles that can pose a mechanical risk to eye injury. Safety glasses should be worn.

**Skin Protection:**

Proper gloves should be worn to protect against mechanical skin irritation.

**Respiratory Protection:**

Carbon 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:**

Handle in a manner which avoids aerosolization of dust. Graphite can cause shorts in electrical equipment. 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 cool dry environment. Avoid dust accumulation.

**Possibility of hazardous reactions:**

Combustible at elevated temperatures in presence of air.

**First Aid Measures****Eye:**

Safety glasses should be worn to protect against mechanical eye irritation. Flush eye with water or saline solution. Consult medical 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; Gray in color

**Specific Gravity:**

Approx. 1.6

**Chemical Stability:**

Stable

**Incompatibilities (Materials to Avoid) and Conditions to be Avoided:**

Acids, alkalis and oxidizers

**Decomposition Products:**

Upon burning carbon dioxide or carbon monoxide may be released

**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 carbon composite plate.

**International Regulations:**

None for carbon composite plate.

**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**