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## Material Safety Data Sheet

### Section 1-- Product Identification

Chemical Name: Silver Carbon

Trade Name: X262 Silver Impregnated Activated Carbon

Formula: AgC

CAS Numbers: 7440-44-0 (Carbon)

7440-22-4 (Silver)

### Section 2— INGREDIENTS (Typical Values)

Carbon.....99.80%

Silver As Metallic.....0.20%

### Section 3- Physical And Chemical Data

Boiling Point:

Carbon—4850 C° (Approx)

Silver—2212 C° (Approx)

Vapor Pressure:

N/A

Specific Gravity:

Approx 2.0

Appearance:

Black with lustrous soft white  
metal specks, odorless, granules

Vapor Pressure:  
Solubility In Water:

N/A  
Carbon—Insoluble  
Silver < 50 PPB

Section 4—

**Fire and Explosion Hazard Data**

- Flash point: N/A
- Ignition Point: 500—800° F
- Extinguishing Media: Dry chemical, water fog, foam
- Special Fire Fighting Procedures: Wear positive pressure self-contained breathing apparatus if fire occurs in enclosed space. Oxygen starved fires may result in the release of carbon monoxide.
- Unusual Fires And Explosion Hazards: Avoid producing suspensions of dust during handling, and avoid exposure of suspensions to sources of ignition.

Section 5—

**Health Hazard Data**

Carbon particles may cause physical irritation in eyes if not removed.

OSHA "Nuisance Dust" limitations should be observed

## **Section—6 Stability**

Avoid contact with strong acids, bases and oxidizing chemicals, oxygen starved combustion may yield carbon monoxide.

## **Section 7— Storage Handling and Use**

- Action to Take For Spills                      Shovel and sweep material into appropriate container. If necessary wash area with water.
- Disposal Method:                                Reactivation, landfill or incineration, in accordance with applicable regulations.

## **Section 8— Personnel Protection**

- Ventilation                                        Local exhaust recommended minimizing dust exposure.
- Respiratory                                        Approved “nuisance dust” dust masks should be worn in dust exposure areas.
- Protective Clothing                            Protective glasses can be worn.
- Eye Protection:                                Safety glasses with side shields should be worn and eye wash capabilities should be available.

## **Section 9— Special Precautions And Additional Information**

Precautions to be taken in handling and storage: wet carbon will adsorb oxygen and may reduce oxygen levels in confined spaces to dangerous levels. Adequate ventilation and precautions should be employed whenever closed tanks, receptacles or others enclosed spaces containing carbon are accessed. Suspensions of dust should be avoided and exposure of suspensions of dust to sources of ignition should be avoided.

**Section 10— Transportation Information :**

Non hazardous for air, sea,  
and road freight.

**While this information and recommendations set forth herein are believed to be accurate as of the date hereof, Bestech, Inc. makes no warranty with respect hereto and disclaims all liability from reliance thereon.**