



## SAFETY DATA SHEET – Global Harmonized System

---

### 1. Product Identification

Manufacturer: Gremarco, LLC

Address: 131 E. Main St, West Brookfield, MA 01585

Product(s): Activated Alumina / Potassium Permanganate Impregnated Polyester Media

Series: A/K

Emergency Number: 1.508.867.5244

---

### 2. Hazards Identification

\*GHS Classification: None

\*GHS label: None

\*GHS symbol: None

\*Other hazards: None (avoid rough handling to prevent dusting)

---

### 3. Composition/Information on Hazardous Ingredients

\*Chemical ID: KMnO<sub>4</sub>

Weight %: 3-6% of finished product

\*Name: Potassium Permanganate

\*Synonyms: Permanganate of Potash

\*CAS No.: 7722-64-07

\*Additives with hazards: None

---

### 4. First Aid Measures

\*Routes of exposure: Dust may be inhaled if handled roughly

\*Symptoms: Sneezing, irritation

\*Effects: N/A

\*Acute: N/A

\*Chronic: N/A

---

### 5. Fire Fighting Measures

\*Suitable Extinguishing Media: Any (water, fog, foam, dry chemical, CO<sub>2</sub>)

\*Combustion Products: May liberate, ammonia, phosphoric acid, oxides of carbon and small amounts of oxygen upon combustion.

\*Protective Equipment: Respiratory protection is essential, burning may emit dense acid smoke.

---

## **6. Accidental Release Measures**

- \*Personal Precautions: N/A
  - \*Protective Equipment: N/A
  - \*Environmental Precautions: None known
  - \*Methods of Containment: N/A
  - \*Methods of Cleanup: N/A
- 

## **7. Handling and Storage**

- \*Handling Precautions: Minimize eye and skin contact with protective equipment
  - \*Safe Storage: Store sealed in a cool, dry environment
  - \*Incompatibilities: Organic solvents, sawdust
- 

## **8. Exposure Controls/Personal Protection**

- \*Exposure Limit Values: None
  - \*Engineering Controls: N/A
  - \*Exposure Controls: Use eye protection, dust mask or gloves if local conditions indicate.
- 

## **9. Physical and Chemical Properties**

- \*Appearance: Brownish-purple coated fabric containing alumina/permanganate fixed in a stable matrix
  - \*Odor: None
  - \*pH: N/A
  - \*Melt/Freeze Points: N/A
  - \*Boiling Point: N/A
  - \*Flash Point: N/A
  - \*LEL/UEL: N/A
  - \*Density: 2-8 pounds per cu ft. typical
  - \*Solubility: 3-6% in water as light purple coloring;
  - \*Autoignition Temp: Not known
  - \*Decomposition Temp: Not known
- 

## **10. Stability and Reactivity**

- \*Stability: Stable
  - \*Potential Reactions: None anticipated
  - \*Conditions to Avoid: None anticipated
  - \*Incompatible Materials: Organic solvents, sawdust;
  - \*Hazardous Decomposition Products: May liberate ammonia, phosphoric acid, oxides of carbon and small amounts of oxygen upon combustion
-

---

## **11. Toxicological Information**

- \*Toxicological Effects: None known
- \*Likely Routes of Exposure: None known
- \*Delayed or Immediate Effects: None known
- \*Acute Effects: None known
- \*Chronic Effects: None known
- \*Numerical Measures of Toxicity: None known

---

## **12. Ecological Information**

- \*Ecotoxicity: None known
- \*Degradability: Not known
- \*Bioaccumulative Potential: None known
- \*Mobility in Soil: N/A
- \*Other Effects: None known

---

## **13. Disposal Considerations**

- \*Waste Residues: None as manufactured, see section 16
- \*Safe Handling: None as manufactured, see section 16
- \*Methods of Disposal: Disposal must be according to any national or local regulations, laws or ordinances, see section 16

---

## **14. Transport Information**

- \*UN Number: N/A
- \*Ship Name: N/A
- \*Hazard Class: N/A
- \*Packing Group: N/A
- \*Marine Pollutant Status: N/A
- \*Special Precautions: None known, as manufactured, see section 16

---

## **15. Regulatory Information**

- \*Safety: None known
- \*Health: None known
- \*Environmental: None known as manufactured, see section 16

---

## **16. Other Information**

Important Disclaimer: Alumina / Permanganate is a chemical filtration media and may, in certain circumstances or specific uses, adsorb a hazardous, regulated contaminant requiring the end user to evaluate any hazards in handling, transportation, or proper disposal of the filter media after use, which don't exist as manufactured.

This document was prepared by Gremarco, LLC and is accurate to the best of our knowledge. Revision 2023-5

---