

# ARK SYNTHETICS INC.

## Safety Data Sheet (SDS) – ARK-W20

### Section 1 - Product and Company Identification

**Product Identifier:** ARK-W20

**Use:** This product may be used as a facing for fiberglass wool insulation, duct wrap or duct board products.

#### **Company Information**

Ark Synthetics Inc.

Tell: 778-681-0788

Emergency: 778-681-0788

info@arksynthetics.com

2015 Main St, 2nd Floor, Vancouver, BC, CANADA

Postal Code: V5T 3C2

### Section 2 - Hazards Identification

#### **Classification:**

This product qualifies as a manufactured article under the OSHA Hazard Communication Standard. Under normal conditions of use, there is no exposure to any hazardous components. Therefore, an SDS is not mandatory; this document is provided solely for informational reference.

**Health:** Not Hazardous

**Physical:** Not Hazardous

**Labeling:** None required

### Section 3 - Composition/Information on Ingredients

| CAS #      | Component         | Percent |
|------------|-------------------|---------|
| 9004-34-6  | Kraft paper       | 20- 40  |
| 9003-07-0  | Aluminum foil     | 15- 30  |
| 65997-17-3 | Yarn              | 15- 30  |
| N/A        | Adhesive          | 20 - 40 |
| N/A        | Coating           | 0 - 10  |
| 1309-64-4  | Antimony Trioxide | <5      |

The precise composition details have been withheld to protect proprietary trade secrets.

### Section 4 - First Aid Measures

**Inhalation:** First aid is not normally required.

**Skin contact:** No first aid required.

**Eye contact:** Flush with water. Seek medical attention if irritation persists.

**Ingestion:** No first aid required.

Under typical circumstances, immediate medical care or specialized treatment is not necessary.

## **Section 5 - Fire Fighting Measures**

**General Fire Hazards:** There is no potential for spontaneous fire or explosion.

**Extinguishing Media:** Carbon dioxide (CO<sub>2</sub>), water, water fog, dry chemical.

**Fire Fighting Equipment/Instructions:** No special procedures are expected to be necessary for this product. Normal fire fighting procedures should be followed to avoid inhalation of smoke and gases.

## **Section 6 - Accidental Release Measures**

**Personal Precautions:** No special precautions required.

**Cleanup:** Pick up or sweep up and place in container for disposal.

## **Section 7 - Handling and Storage**

**Handling Procedures:** Handle in accordance with good industrial hygiene and safety practices.

**Storage Procedures:** Warehouse storage should be in accordance with package directions, if any. Material should be kept clean, dry, and in original packaging.

## **Section 8 - Exposure Controls / Personal Protection**

### **Exposure Guidelines:**

|                   |                                                                                                                                   |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Kraft paper       | 10 mg/m <sup>3</sup> TWA ACGIH TLV, 15 mg/m <sup>3</sup> TWA OSHA PEL (total dust), 5 mg/m <sup>3</sup> TWA (respirable fraction) |
| Polyester         | 15 mg/m <sup>3</sup> TWA OSHA PEL (total dust), 5 mg/m <sup>3</sup> TWA (respirable fraction)                                     |
| Yarn              | 15 mg/m <sup>3</sup> TWA OSHA PEL (total dust), 5 mg/m <sup>3</sup> TWA (respirable fraction)                                     |
| Adhesive          | Mixture-None Established                                                                                                          |
| Coating           | Mixture-None Established                                                                                                          |
| Antimony Trioxide | 0.5 mg/m <sup>3</sup> TWA ACGIH TLV<br>0.5 mg/m <sup>3</sup> TWA OSHA PEL                                                         |

**Appropriate engineering controls:** None normally required.

### **Personal Protective Equipment:**

Respiratory protection: No respiratory protection is normally needed.

Skin protection: Wear appropriate gloves when handling to prevent cuts and abrasions.

Eye protection: Safety glasses recommended for cutting and other operations where particles may be generated.

Other: None required.

## **Section 9 - Physical & Chemical Properties**

**Appearance (physical state, color, etc.):** Solid laminated material

**Odor:** None  
**Odor Threshold:** Not applicable  
**pH:** Not applicable  
**Melting Point/Freezing Point:** Not applicable  
**Boiling Point:** Not applicable  
**Flash Point:** None  
**Evaporation Rate:** Not applicable  
**Flammability (solid, gas):** Not applicable  
**Flammable Limits:** LEL: Not applicable  
UEL: Not applicable  
**Vapor Pressure:** Not applicable  
**Vapor Density:** Not applicable  
**Relative Density:** Not available  
**Solubility(ies):** Insoluble  
**Partition Coefficient:** n-Octanol/water: Not applicable  
**Auto-ignition Temperature:** Not available  
**Decomposition Temperature:** Not available  
**Viscosity:** Not applicable

## **Section 10 - Stability & Reactivity Information**

**Stability:** These products are not reactive.  
**Hazardous Decomposition:** May form carbon dioxide and carbon monoxide.  
**Hazardous Polymerization:** Will not occur.  
**Conditions to Avoid:** Avoid direct heat and open flames.  
**Incompatible Materials:** None known.  
**Hazardous Decomposition Products:** Thermal decomposition may produce oxides of carbon and aluminum and other organic vapors.

## **Section 11 - Toxicological Information**

**Inhalation:** No adverse effects are expected  
**Ingestion:** Ingestion is unlikely.  
**Skin contact:** No adverse effects are expected  
**Eye contact:** Eye contact may cause abrasions.  
**Chronic effects from short- and long-term exposure:** No adverse effects are expected.  
**Reproductive Toxicity:** No adverse effects are expected.  
**Sensitization:** None of the components are sensitizers.  
**Mutagenicity:** No evidence of mutagenic effects.  
**Carcinogenicity:** Antimony Trioxide is listed by IARC as a 2B carcinogen (probably carcinogenic to humans). However, antimony trioxide is inextricably bound in the product matrix and no exposure will occur. No other ingredients are listed by IARC, NTP, OSHA, or the EU CLP.  
**Acute Toxicity Values:** No data available

## **Section 12 - Ecological Information**

**Ecotoxicity:** No data available.  
This product is not expected to present an environmental hazard.  
**Persistence and Degradability:** No data available.

**Bioaccumulative Potential:** No data available.

**Mobility in Soil:** No data available.

**Other Adverse Effects:** None known.

### **Section 13 - Disposal Considerations**

**Disposal Instructions:** Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

### **Section 14 - Transport Information**

**International Transport Regulations:** These products are not classified as dangerous goods according to international transport regulations.

### **Section 15 - Regulatory Information**

**EPA TSCA Inventory:** Not subject (manufactured article).

**CERCLA:** This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under applicable federal, state and local regulations.

**SARA Hazard Category (311/312):** Not Applicable.

**SARA 313:** Contains regulated chemicals.

| Components | C.A.S. # | WT % |   |  |
|------------|----------|------|---|--|
| None       |          |      | - |  |

**California Proposition 65:** Contains listed chemicals.

| Components | C.A.S. # | WT % |
|------------|----------|------|
| None       |          |      |

### **Section 16 - Other Information**

Other Information

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