

ARK SYNTHETICS INC.

Safety Data Sheet (SDS) – ARK-W50

Section 1 - Product and Company Identification

Product Identifier: ARK-W50

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	25- 40
N/A	Adhesive	20- 50
65997-17-3	Yarn	10- 20
9003-07-0	Polypropylene	10- 20
25038-59-9	Metallized Polyester	10- 20
25038-59-9	Metallized Polyester	15- 30
Proprietary	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 (CO₂), 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	10 mg/m ³ TWA ACGIH TLV, 15 mg/m ³ TWA OSHA PEL (total dust), 5 mg/m ³ TWA (respirable fraction)
Adhesive	Mixture-None Established
Yarn	15 mg/m ³ TWA OSHA PEL (total dust), 5 mg/m ³ TWA (respirable fraction)
Polypropylene	15 mg/m ³ TWA OSHA PEL (total dust), 5 mg/m ³ TWA (respirable fraction)
Metallized Polyester	N/A
Coating	Mixture-None Established
Antimony Trioxide	0.5 mg/m ³ TWA ACGIH TLV 0.5 mg/m ³ 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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