BondCote®
A Heytex group company

SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

BondCote Corporation
A HeyTex Group Company
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PRODUCT NAME: H17472215A610A & G184723340612A

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SECTON 2: HAZARDS IDENTIFICATION

Tan and grey laminated CORETech fabric.

EMERGENCY OVERVIEW

This product is non-hazardous coated fabric that presents no health or physical hazards under normal conditions of use. The hazardous components in this product are not volatile and are bound in a polymer matrix so exposure to these chemicals does not occur under normal conditions. A Material Safety Data Sheet is not required for this product unless it is heated to decomposition or processed in a manner that generates airborne dust under normal conditions of use. Inhalation of dust or decomposition products from burning or heating may cause eye and respiratory irritation.

Potential Health Effects:

Primary Routes of exposure: Skin, Inhalation
Acute Hazards: None known or expected for exposure to fabric or polymer at ambient temperatures. Heating to decomposition by heat welding, cutting with hot wire, etc. may result in eye and respiratory irritation. Dust created from mechanical processing can cause abrasion irritation to the eyes and irritate the nose, throat, and upper respiratory tract.
Chronic Hazards: No adverse effects are known or expected from exposure to the coated fabric or dust that may be generated in mechanical processing. See Section 11 for additional health hazard information.
Medical Conditions Aggrivated by Exposure: None currently known.
Carcinogen: Antimony trioxide and carbon black are classified by the International Agency gor Research on Cancer (IARC) as possibly carcinogenic to humans *(Group 2B)*.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Component	Percentage
Proprietary	Polyester Fabric	25-50%
Proprietary	Poly(vinylchloride) polymers and copolymers	20-40%
Proprietary	Non-Hazardous Additives	5-20%
25067-11-2	Polymer with 1,1,2,2-tetrafluoroethene 1-Propene, 1,1,2,3,3,3-hexafluoro	5-20%
133-86-4	Carbon Black	1-5%
1309-64-4	Antimony Oxide (antimony trioxide)	1-10%
13463-67-7	Titanium Dioxide	1-5%

SECTION 4: FIRST AID MEASURES

None required under normal conditions. If irritation develops following inhalation of dust or fumes from processing, remove the victim from the area to fresh air. If symtoms persist, get prompt medical attention.

SECTION 5: FIREFIGHTING MEASURES

Flash Point: Not applicable

Flammability Limits: Not applicable

Extinguishing Media: Use any extinguishing media that is appropriate for the surrounding fire. This product is an ordinary combustible. Water is most effective.

Special Fire Fighting Procedures: Fight as any normal fire using SCBA and full protective clothing where exposed to smoke.

Unusual Fire and Explosion Hazards: Fluoropolymers can increase the relative toxic properties of the gasses evolved during a fire. This product is treated with fire retardant and is very difficult to ignite. It may burn under intense fire conditions. Dust from the polymers used in this product has a very low tendency to explode and treatment with fire retardants should further reduce the potential explosivity of the dust. However, as with any powdered organic material, precautions should be taken to prevent the accumulation of dust in processing areas and eliminate possible ignition sources.

Hazardous Decomposition Products: Thermal decomposition can yield carbon monoxide, carbon dioxide, hydrogen chloride, oxides of nitrogen, acetic acid, aliphatic and aromatic hydrocarbons and a very small amount of benzene and hydrogen cyanide. Hydrogen chloride, which is generated during combustion becomes an acid when dissolved in water. Hydrochloric acid corrodes many metals. Since this corrosion can be a slow process that can take place long after initial exposure, prompt cleaning of contaminated surfaces with water-based detergents is recommended.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Pick-up for reuse or disposal. No special precautions required.

SECTION 7: HANDLING AND STORAGE

Handling: Avoid inhalation of dust and fumes or vapours from decomposition

Storage: No special storage required.

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Lmits

Component	Exposure Limit/Source
Polyester Fabric	None Established
Poly(vinylchloride) polymers and copolymers	None Established
Carbon Black	PEL - 3.5 mg/m³ TWA TLV - 3.5 mg/m³ TWA
Antimony Oxide	PEL - 0.5 mg/m³ TWA TLV - 0.5 mg/m³ TWA
Titanium Dioxide	PEL - 15 mg/m³ TWA TLV - 10 mg/m³ TWA

Definitions:

MSHA means Mine Safety and Health Administration.

OSHA means Occupational Safety & Health Administration.

PEL means OSHA Permissible Exposure Limit.

TLV means American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value.

TWA means time-weighted average.

Ventilation: No special ventilation required for handling fabric. Increased general ventilation or local exhause may be needed if dust or fumes are generated in processing.

Respiratory Protection: None normally required. If processing generates dust or fumes and engineering controls are not available to control the exposures, appropriate respiratory protection may be required. Respirator selection and use should be

based on the contaminant type, form and concentration. Follow OSHA 1910.134, ANSI Z88.2 and good Industrial Hygiene practice.
Skin Protection: None normally required.
Eye Protection: None normally required. Follow facility requirements.
Other Protective Equipment: None normally required.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Tan coated fabric.
Boiling Point: Not applicable
Melting Point: Not applicable
Vapour Pressure: Not applicable
Flash Point (Method Used): Not applicable
Flammable Limits: LEL: Not applicable.

pH: Not applicable
Specific Gravity: Not applicable
Water Solubility: Insoluble
Vapour Density: Not applicable
Autoignition Temp: Not determined
UEL: Not applicable

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable
Incompatibility/Conditions to Avoid: Avoid contact with strong oxidizers.
Hazardous Polymerization: Will not occur.
Hazardous Decomposition: Thermal decomposition can yield carbon monoxide, carbon dioxide, hydrogen chloride, oxides of nitrogen, acetic acid, aliphatic and aromatic hydrocarbons and a very small amount of benzene and hydrogen cyanide. Prolonged heating (approximately 30 minutes or more) above 200°C (392°F) or short term heating at 250°C (482°F) may result in rapid evolution of hydrogen chloride and carbon monoxide. Carbon monoxide is a colourless and odorless toxic gas and hydrogen chloride is an irritant.

SECTION 11: TOXICOLOGICAL INFORMATION

This product is a biologically inert coated fabric which is non-toxic under normal conditions.

The hazardous components in this product are not volatile and are bound in a polymer matrix so exposure to these chemicals does not occur under normal conditions. The chronic health effects listed below from exposure to the hazardous components are provided for informational pursposes but are not expected to occur in the normal use or foreseeable misuse of this product. Prolongued skin exposure to antimony compounds may cause irritation or dermatitis. Prolonged or repeated overexposure to antimony may damage the nervous system, lung, liver, and heart muscle.

SECTION 12: ECOLOGICAL INFORMATION

This product is an inert solid. It is not expected to present any hazard to the environment under normal conditions.

SECTION 13: DISOPOSAL CONSIDERATIONS

Waste Disposal Method: This product is not classified as hazardous waste under US EPA RCRA regulations. If uncontaminated, dispose as normal solid waste. If contaminated, dispose in accordance with all applicable local, state/provincial and federal regulations in light of the contamination present. Local regulations may be more stringent than regional and national requirements. It is the responsibility of the waste generator to determine the toxicity and physical characteristics of the material to determine the proper waste identification and disposal in compliance with applicable regulations.

SECTION 14: TRANSPORT INFORMATION

U.S. DOT HAZARD CLASSIFICATION

Proper Shipping Name:	Not Regulated
Technical Name:	Not Applicable
UN Number:	Not Applicable
Hazard Class/Packing Group:	Not Applicable
Labels Required:	None

SECTION 15: REGULATOR INFORMATION

EPA SARA 311 Hazard Classification: Not Applicable
EPA SARA 313 Chemicals: This product contains the following chemicals listed under SARA 313, however, would normally be covered by the article exemption and not subject to reporting:

Antimony Oxide (animony compound) 1-10%

Hazardous Substance (40CFR 116) CERCLA: Antimony oxide
Reportable Quanity: 1000 lb.

EPA Toxic Substances Control Act (TSCA) Status: This product is a manufactured article and is exempt from TSCA regulations.

INTERNATIONAL REGULATIONS:
Canadian WHMIS Classification: Not a controlled product.
Canadian DSL: This product is a manufactured article and is exempt from CEPA regulations.
EINECS: This product is a manufactured article and is exempt from chemical registration requirements.

STATE REGULATIONS:

California Proposition 65: This product may contain the following chemicals regulated under California Proposition 65, however, these chemicals are bound in a polymer matrix so exposure to these chemicals does not occur under normal conditions. Antimony trioxide 1-10%, Carbon black 1-5%, Lead <0.01%, Arsenic <0.02%, Crystalline Silica <0.008%. Hexavalent Chromium Compounds <1 ppm.

SECTION 16: OTHER INFORMATION

NFPA Hazard Rating:	Health: 0	Fire: 1	Reactivity: 0
HMIS Hazard Rating:	Health: 0	Fire: 1	Reactivity: 0

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