

MATERIAL SAFETY DATA SHEET

This MSDS complies with 29 CFR 1910.1200

SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT All styles of polyester fabric
FINISH A161 Black Conductive Finish
DESCRIPTION Woven textile product

SECTION 2 – CHEMICAL INGREDIENTS

CHEMICAL OR COMMON NAME	MAX. % BY WEIGHT	CAS#	TLV (SOURCE)	PEL (SOURCE)
Polyethylene terephthalate	85	25038-59-9	NA	NA
Polyester co-polymer	20	24938-04-3	NA	NA
Polytetrafluoroethylene	15	9000-84-0	NA	NA
Carbon Black	1	1333-86-4	3.5 mg/m ³ (ACGIH) (inhalable)	3.5 mg/m ³ (ACGIH) (inhalable)

SECTION 3 – HAZARDS IDENTIFICATION

Acute health effects: May cause eye and skin irritation

Chronic health effects: Excess skin contact may cause dryness and irritation. CARBON BLACK: No serious health effects have been established in man. Inflammation, lung fibrosis, and lung tumors have been observed in animals at levels which overload lung clearance mechanisms. Carbon black contains varying amounts of polynuclear aromatic compounds (PNAs) which have been found to cause cancer in animals. Solvent extracts of carbon black are carcinogenic to the skin of mice. It is classified by IARC to be a known animal carcinogen and a possible human carcinogen (Group 2B)

Signs/Symptoms of exposure: Irritation

Routes of exposure/entry: Skin contact, Inhalation, Ingestion, Eye Contact

Target organs: Eyes, Gastrointestinal tract, Respiratory tract, Skin

Medical conditions aggravated by exposure: Pre-existing skin problems may be aggravated by prolonged or repeated contact.

Carcinogenic status: Carbon Black: IARC-Group 2B; ACGIH-A4, not classifiable as a human carcinogen.

Reproductive effects: None expected

SECTION 4 - PHYSICAL DATA

Specific Gravity: Not applicable

SOLUBILITY IN WATER: Negligible

APPEARANCE/PHYSICAL STATE: Grayish-brown;
solid

ODOR: No distinctive odor

SECTION 5 - FIRE HAZARD DATA

FLASH POINT: Not applicable

FLAMMABLE LIMITS: Not applicable

EXTINGUISHING MEDIA: Water, dry powder, or foam (needed for packaging only).

SPECIAL FIRE FIGHTING PROCEDURE: In any sustained fire, wear self-contained breathing apparatus.

UNUSUAL FIRE HAZARDS: In a sustained fire, combustible thermal decomposition products may be released. These products include carbon dioxide, carbon monoxide, low molecular weight hydrocarbons, hydrogen fluoride, and hydrofluoric acid. **

SECTION 6 - REACTIVITY DATA

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS/MATERIALS TO AVOID: None Known

HAZARDOUS DECOMPOSITION PRODUCTS: None generated under normal storage or handling conditions.

SECTION 7 - HEALTH HAZARD DATA

POTENTIAL ROUTES OF ENTRY: Inhalation, skin contact

EFFECTS OF OVEREXPOSURE: Direct skin contact with fibrous materials or its dust may cause mechanical irritation and transitory dermatitis. Breathing of fibers or dust may cause mechanical irritation of the mouth, nose, and throat.

EMERGENCY AND FIRST AID PROCEDURE:

Inhalation: Move to fresh air area.

Ingestion: Not likely to occur through normal use, should ingestion occur seek medical attention.

Eyes: Flush with flowing water for 15 minutes - seek medical attention

Skin: Flush with ample cool water followed by washing with mild soap to remove accumulated fibers.

CARCINOGEN: Carbon black is listed as a potential carcinogen under ACGIH and OSHA.

SECTION 8 - SPECIAL PROTECTION REQUIRED

Exposure to fibrous materials and dust may cause mechanical irritation to the skin, eyes, nose and throat. Typically such irritation occurs to newly exposed individuals, and usually diminishes after several days of exposure.

RESPIRATORY: If airborne dusts exceed the regulatory limits, or if upper respiratory irritation occurs, use a respirator designed for nuisance type dust.

VENTILATION: Normal area ventilation is sufficient in most cases to keep dust and fiber levels below the TLV or PEL.

SKIN: Barrier creams, gloves, and long sleeve loose fitting clothing may be required for certain workers who have sensitive skin or contact dermatitis. Work clothing should be laundered separately from other clothing before reuse.

EYE: Not normally required, but as a good safety work practice, suggest the wearing of appropriate eye protection such as safety glasses/side shields or equivalent whenever use of the product releases airborne particles.

OTHER: Observe good personal hygiene.

SECTION 9 - CONTAINMENT AND DISPOSAL

CONTAINMENT AND CLEAN UP: Dust or loose fibers can be vacuumed or swept with the aid of a dust suppressant.

DISPOSAL: Dispose according to local, state, and federal laws. This material is not regulated under RCRA hazardous waste regulations.

SECTION 10 - SPECIAL PRECAUTIONS

SHIPPING: Not regulated by DOT; not classified by TDG

STORAGE: Store in dry area.

SECTION 11 - REGULATORY INFORMATION

EPA, RCRA 40 CFR, Part 261, 1990: Non-hazardous

CERCLA: Not listed

SARA TITLE III: Exempt by definition

PA RIGHT-TO-KNOW: Less than reportable quantity

TSCA INVENTORY: Exempt per section 8(a), 710.2(f), and 704.5(a)

CA PROPOSITION 65: Insignificant trace quantity

MA RIGHT-TO-KNOW: Less than reportable quantity

NJ RIGHT-TO-KNOW: Less than reportable quantity

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Technical/Emergency Information: (336) 545-0011

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