



MSDS #: 20002
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MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Conductrol™**
Synonyms: CTF397
Chemical Name: Mixture
Intended Use: Used as a static dissipative fiber in filtration, upholstery, carpet backing, apparel and specialty material applications.

Supplier: Sterling Fibers Inc.
5005 Sterling Way
Pace, FL 32571
850-994-5311

Emergency Contact: CHEMTREC (US) 800-424-9300
CHEMTREC (Intl) 703-527-3887

2. COMPOSITION AND INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS#</u>	<u>% WT</u>	<u>SARA 313 reportable</u>	<u>Exposure Limits</u>
Acrylic polymer	24980-62-9	85-94	No	Not established
Carbon black	1333-86-4	5-10	No	3.5 mg/m ³ TWA PEL (OSHA) 3.5 mg/m ³ TWA TLV (ACGIH)
Polypyrrole	30604-81-0	1-5	No	Not established

3. HAZARDS IDENTIFICATION

Appearance and Odor: Black fibrous solid; no odor.
Under normal conditions of use, this product is not expected to create any unusual emergency hazards.

4. FIRST AID MEASURES

No specific first aid procedures are necessary for accidental exposure to this product.

5. FIRE FIGHTING MEASURES

Extinguishing Medium: Water, carbon dioxide or dry chemical.

Autoignition Temperature: 515°C (959°F)

Decomposition Temperature: >205°C (>400°F) Thermal decomposition may produce carbon monoxide, carbon dioxide, hydrogen cyanide, and/or oxides of nitrogen and sulfur.

6. ACCIDENTAL RELEASE MEASURES

Environmental Protection: This product is not regulated as a hazardous waste by the U.S. Environmental Protection Agency (EPA) under Resource Conservation and Recovery Act (RCRA) regulations.

Collection: Sweep up spills and place in a solid waste container. Disposal must be in accordance with all local, state and federal regulations.

7. HANDLING AND STORAGE

Maintain good housekeeping to control dust accumulation.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**Engineering Controls:**

Ventilation should be provided in areas where this product undergoes continuous rough handling (flock cutting, carding, spinning, etc.) to keep airborne dust below the acceptable exposure limits. The need for ventilation systems should be evaluated by a professional industrial hygienist, while the design of specific ventilation systems should be conducted by a professional engineer.

Personal Protective Equipment:

Eyes: Safety glasses with side shields are recommended to keep dust and fibers out of the eyes.

Respiratory: A NIOSH-certified particulate respirator recommended by a professional industrial hygienist should be used if ventilation is unavailable, or is inadequate for keeping dust and fiber levels below the applicable exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Solid fiber
Color:	Black
Odor:	None
Melting point:	Does not melt
Boiling point:	Not applicable
Vapor pressure:	Negligible
Density:	1.21 g/cm ³
% Volatile:	Not applicable
Water solubility:	None

10. STABILITY AND REACTIVITY

Incompatible Materials: Strong acids, bases or amines.
Strong oxidizing or reducing agents.

Decomposition: Thermal decomposition may produce carbon monoxide, carbon dioxide, hydrogen cyanide, and/or oxides of nitrogen and sulfur.

11. TOXOLOGICAL INFORMATION

This product has not been tested as a separate entity. Therefore, the hazards must be evaluated on the basis of the individual ingredients, and those hazards must be assumed to be additive in the absence of complete information.

Acute Effects: Dust from this product may be mechanical irritants and could cause transitory irritation to exposed areas such as eyes, skin and upper respiratory passages.

Chronic Effects: Not established.

Carcinogenicity: The components of this product are not classified as carcinogenic by OSHA, ACGIH, or the NTP 9th Report on Carcinogens. However, the International Agency for Research on Cancer (IARC) considers carbon black to be possibly carcinogenic to humans (Group 2B).

12. ECOLOGICAL EFFECTS

No aquatic LC50, BOD or COD data available. This product is a non-biodegradable solid.

13. DISPOSAL CONSIDERATIONS

This product is not regulated as a hazardous waste by the U.S. Environmental Protection Agency (EPA) under Resource Conservation and Recovery Act (RCRA) regulations. Dispose of in accordance with applicable governmental regulations for non-hazardous solid waste. This information is applicable ONLY to the Sterling product as-supplied.

14. TRANSPORT INFORMATION

This product is not regulated as a hazardous material for transport.

15. REGULATORY INFORMATION**U.S. REGULATIONS****Federal Regulations:**

The Occupational Safety and Health Administration (OSHA), National Toxicology Program (NTP), and American Conference of Governmental Industrial Hygienists (ACGIH) have not classified this product as a carcinogen. The following is information on carcinogen classifications of this product's components: IARC Group 2B, Possibly Carcinogenic to Humans: carbon black

State Regulations:

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This product and its components are not known to the state to cause cancer or reproductive toxicity.

Environmental Regulations:

There are no components in this product regulated by the Environmental Protection Agency (EPA) under the Superfund Amendments and Reauthorization Act (SARA Title III) and the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

16. OTHER INFORMATION

Prepared by: Jim Hagerott

Revision History:

08/01/2011 Reviewed document, added intended use, reformatted layout, corrected supplier telephone number, added new company logo.

12/01/2008 Reviewed document, no changes.

7/07/2003 Reviewed document, no changes.

8/28/2000 Corrected CAS number for acrylic polymer.

8/9/2000 New document.