

MATERIAL SAFETY DATA SHEET

The following form is intended to contain all information as required by the standards and regulatory requirements of the United States and may not meet regulatory requirements of other countries.

STYLE 7800 EXFOLIATED GRAPHITE PACKING

This form also covers **Style 7800SC, Style 7800AF, and Style 728**

SECTION I: COMPANY INFORMATION

Manufactured by:
New England Braiding Company, Inc.
Address:
610 Gold Street
Manchester, New Hampshire 03103
Revised by: L. Finnegan

Emergency Telephone
603-669-1987
Telephone # for Information
603-669-1987
Date Revised: 01/01/07

SECTION II: HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Hazardous Components: None anticipated under intended conditions of use.

Identity: Style 7800 is manufactured from yarn containing compressed exfoliated graphite with continuous filament carbon fiber carrier yarns and a high purity continuous filament graphite corner yarn, which incorporates a proprietary binder. Style 7800SC incorporates Silicone cord stock in its construction. Style 7800AF incorporates AFLAS[®] cord stock. Style 728 does not contain the corner yarns.

SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: N/A
Vapor Pressure (mm Hg.): N/A
Vapor Density (air=1): N/A
Solubility in Water: Insoluble
Appearance: Style 7800 and 728 shiny gray/ black braided solid. Style 7800SC includes red cord stock fill and Style 7800AF includes black cord stock fill.

Specific Gravity (H₂O=1): 2.0
Melting Point: N/A
Evaporation. Rate: N/A
Odor: No odor

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point (Open Cup): N/A
Extinguishing Media: CO₂, dry chemical, foam, Halon, water
Special Fire-Fighting Procedures: Use self-contained breathing apparatus (SCBA) to protect against decomposition gasses that may evolve from impurities and binders.
Unusual Fire & Explosion Hazards: NONE In a fire graphite can support combustion if oxygen is present and the temperature is high enough to initiate combustion, auto ignite above 900°F (428°).

Flammable Limits: N/A

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SECTION V: REACTIVITY DATA

Stability: Stable at normal temperature and storage conditions

Conditions to Avoid: N/A

Hazardous Decomposition or Byproducts: CO and CO₂ may be generated in a fire.

Hazardous Polymerization: Will not occur

SECTION VI: HEALTH HAZARD DATA

Health Hazards (Acute): Except high concentrations of graphite may be irritating to the eyes, skin, mucous membranes and respiratory tract.

Health Hazards (Chronic): Inhalation of graphite dust may over extended periods of time cause graphite pneumoconiosis.

Medical conditions generally aggravated by exposure: Pre-existing respiratory disorders such as asthma and emphysema may be aggravated by prolonged exposure to concentrated graphite dust. Symptom of exposure may be cough or shortness of breath.

Emergency & First Aid Procedures: Treat as required for symptoms of over exposure by trained professional medical personnel.

SECTION VII: PRECAUTIONS FOR SAFE HANDLING

Steps to be Taken in Case Material is Released or Spilled: If dust is created when handling, vacuum using a HEPA filtered machine or wipe up with a cloth dampened with soapy water.

Waste Disposal Method: Do **NOT** incinerate. Not biodegradable. Dispose of used material in accordance with Federal, State, and Local regulation. Check **service** material was used in to determine if used material may have absorbed hazardous materials from service and thus require special handling. Note: Frictional heat may tend to concentrate service fluid in used material.

SECTION VIII: CONTROL MEASURES

Eye Protection: Wear safety glasses or coverall goggles when cutting or mechanically working this product, or when airborne dust may be present.

Respiratory Protection: Respiratory protection is not normally required under anticipated working conditions of use. Wear NIOSH/MISHA approved respiratory protection.

In case of fire, use self-contained breathing apparatus to prevent exposure to products of thermal breakdown. Wear NIOSH/MISHA approved respiratory protection that complies with OSHA Standard 29 CFR 1910.134

Ventilation: Local exhaust should be filtered and conditioned to eliminate respirable fibers, dust and fumes.

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Other Protective Clothing or Equipment: As required for personnel during installation or removal by local plant practice. Consider personnel exposure to service fluid that may be absorbed by this material during use.

Work/Hygienic Practices: Wash hands after handling.

SECTION IX: FIRST AID MEASURES

Eye Contact: Flush eyes with plenty of water. Seek medical attention.

Ingestion: Not a plausible route.

Inhalation: If large amounts of fumes, dust or fibers are inhaled remove to fresh air. If persistent cough or other systems develop, seek medical attention.

THE INTENDED USE OF THIS PRODUCT MEETS THE DEFINITION OF AN ARTICLE UNDER 29 CFR 1910.1200.

The above data describes exclusively the safety requirements of the product and is based on our current base of knowledge. It does not relate to use in combination with other materials or in any process. No guarantee is expressed or implied.

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