



MATERIAL SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: QuietSleeve 3470

Manufacturer:

Federal-Mogul Corporation
26555 Northwestern Highway
Southfield, MI 48033

MSDS# BH-137

24hr Emerg # (Infotrac): 1-800-535-5053

International: 001-352-323-3500

Non-Emerg #: 248-354-9844

SECTION 2: COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Bentley-Harris Quietsleeve® 3470 is a lightweight, self-closing sleeve designed to suppress noise on wires, tubes and cables. Its woven construction provides excellent flexibility, noise suppression and abrasion resistance. The self-wrapping design allows for quick and easy bundling of wire/cable assemblies.

This information provides the minimum criteria for safe usage and handling of this product. Companies using this product should develop their own occupational health program to protect employees from injury or adverse health effects.

Ingredient	CAS No.	% Weight	OSHA PEL	ACGIH TLV
Polyester Monofilament	NA	40	None Established	None Established
Polyethylene Terephthalate	25038-59-9	59	None Established	None Established

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Shipped material is not considered hazardous, but operations (e.g., overheating, burning, machining, abrading, or riveting) that can create airborne dust should be avoided.

POTENTIAL HEALTH EFFECTS

Inhalation: Dust created from abrasion or vapors created from heating to greater than 300°C or from re-melt operations may cause respiratory irritation.

Skin: Molten material can cause thermal burns.

Eye: Dust particles may cause irritation and redness.

Ingestion: Not a probable route of entry.

POTENTIAL HEALTH EFFECTS (continued)**Carcinogenicity:**

	COMPONENT
	NTP
	IARC
	OSHA
Polyester Monofilament	No No No
Polyethylene Terephthalate	No No No

Symptoms and Effects of Exposure to Selected Individual Components**Exposure Hazards:** None known**SECTION 4: FIRST AID MEASURES**

Inhalation:	Move to fresh air. If irritation persists, seek medical attention.
Eye Contact:	Rinse thoroughly with ample amounts of water. If irritation persists, seek medical attention.
Skin Contact:	Wash thoroughly with soap and water. If molten material falls on skin, do not attempt to remove the material from the skin; cool immediately with water. If irritation persists, seek medical attention.
Ingestion:	Not a probable route of entry. If irritation persists, seek medical attention.

SECTION 5: FIRE FIGHTING MEASURES

This product is inherently flame resistant.

Flashpoint: N/A **LEL:** N/A **UEL:** N/A **Autoignition Temperature:** N/A**Extinguishing Media:** Use media suitable for surrounding fire.**Unusual Fire and Explosion Hazards:** None known**Special Fire-Fighting Procedure:** Wear self-contained breathing apparatus when extinguishing a fire. Hazardous decomposition products are generated in fire conditions.**SECTION 6: ACCIDENTAL RELEASE MEASURES**

Scrap monofilament may present a slipping hazard, use good housekeeping practices. If dust is generated during machining, abrading, or riveting, remove dust by vacuuming or wet-mopping. Do not use compressed air to blow dust from surfaces.

SECTION 7: HANDLING AND STORAGE

Store in a cool dry place. If dust is generated while shipping product, remove dust by vacuuming or wet-mopping and place in an air-tight polyethylene bag. Vacuums used for this purpose should be equipped with HEPA filters. Do not use compressed air to blow dust from surfaces.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation Protection: Any operation which may produce dust, including machining, grinding, riveting, or abrading this product, should be adequately exhausted to prevent inhalation of dust.

Respiratory Protection: Use a NIOSH-approved respirator if there is a potential for exposure to exceed applicable PELs or TLVs. (See 29 CFR 1910.134, OSHA Respiratory Protection Standard.)

Skin Protection: If skin irritation occurs, gloves and other protective garments may be worn. Wash hands after working with material.

Eyes: Wear safety glasses or goggles, as necessary, if dust exposure is possible.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	N/A	Vapor Pressure:	N/A
Melting Point:	250°C	Vapor Density (air = 1):	N/A
pH:	N/A	% Volatile:	N/A
Specific Gravity:	1.38 g/cc	Evaporation Rate:	N/A
Water Solubility:	Insoluble	Form, Color, and Odor:	Solid, black, odorless

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable at normal temperatures and storage conditions.

Incompatibility (Materials/Conditions to Avoid): Strong bases.

Hazardous Polymerization: Will not polymerize.

Decomposition Products: Thermal decomposition will start at temperatures greater than 300° C producing such by-products as carbon monoxide and trace amounts of esters, alcohols, acids, and acetaldehyde.

SECTION 11: TOXICOLOGICAL INFORMATION

Inhalation: Refer to Section 3

Skin:	Refer to Section 3
Eye:	Refer to Section 3
Ingestion:	Refer to Section 3
Acute:	None known
Chronic:	None known

SECTION 12: ECOLOGICAL INFORMATION

Not available

SECTION 13: DISPOSAL CONSIDERATIONS

Federal and state law regulates disposal of scrap material or dust as solid waste; disposal must be in accordance with federal and state laws. Contact local regulatory agencies for guidance.

SECTION 14: TRANSPORTATION INFORMATION

Proper Shipping Name:	Not regulated
Hazard Class:	None
Identification Number:	None
Packing Group:	N/A
Shipping Label:	None
Additional Marking Requirement:	None

SECTION 15: REGULATORY INFORMATION

U.S. TSCA:	All chemicals used in the manufacture of this product are listed on the U.S. Toxic Substances Control Act (TSCA) Inventory
California Proposition 65:	This product does not contain ingredients known to the State of California to cause cancer, birth defects or other reproductive effects.
SARA Title III – Section 313 Supplier Notification:	This product does not contain chemicals subject to SARA Title III/CERCLA “reportable quantities” (RQs) and/or “threshold planning quantities” (TPQs) and/or are classified as “Toxic Chemicals” under the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and 40 CFR 372.
RCRA Hazardous Waste Code:	Not Available
CERCLA Hazardous Substances:	Not Available
OSHA:	Not Available
WHMIS Classification:	Not Available

SECTION 16: OTHER INFORMATION

Abbreviations:

CAS No.:	Chemical Abstract Services Number
OSHA PEL:	U.S. Occupational Safety and Health Administration Permissible Exposure Limit
ACGIH TLV:	American Conference of Governmental Industrial Hygienists Threshold Limit Value (2004)
N/A:	Not Applicable
IARC:	International Agency for Research on Cancer
NTP:	National Toxicology Program
NIOSH:	National Institute of Occupational Safety and Health
HEPA:	High-efficiency particulate air

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