



## **MATERIAL SAFETY DATA SHEET**

### **SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

<b>Product Name:</b> Foamvolute 2510	Federal-Mogul Corporation 26555 Northwestern Highway Southfield, MI 48033
<b>MSDS#</b> BH-139	<b>24hr Emerg # (Infotrac): 1-800-535-5053</b> <b>International: 001-352-323-3500</b> <b>Non-Emerg #: 248-354-9844</b>

### **SECTION 2: COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS**

Although several of the ingredients used to formulate this product may be hazardous in the raw state, the manufacturing process results in a solid, infusible form, binding and otherwise, rendering the product inert. The constituents identified below may be present in quantities greater than 1% (0.1% for carcinogens) that may be released from the product by such operations as overheating, burning, machining, abrading, or riveting.

The following 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
Nypel	--	80	None Established	None Established
NBR/PVC Elastomeric Foam	--	18	None Established	None Established
Metallizing Primer & Topcoat	--	<2	None Established	None Established

### **SECTION 3: HAZARDS IDENTIFICATION**

#### **EMERGENCY OVERVIEW**

The product 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:** Inhalation of dust and vapor from heating above recommended levels may cause irritation.

**Skin:** Hot material can cause thermal burns.

**Eye:** Vapors or particles may cause irritation or corneal injury.

**Ingestion:** Adverse effects are not anticipated by this route of exposure.

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

	COMPONENT NTP IARC OSHA
Nypel	No No No
Metallizing Topcoat & Primer	No No No
MBR/PVC Elastomeric Foam	No No No
<b>Symptoms and Effects of Exposure to Selected Individual Components</b>	
None known.	

**SECTION 4: FIRST AID MEASURES**

<b>Inhalation:</b>	Move to fresh air. If irritation persists, seek medical attention.
<b>Eye Contact:</b>	Rinse thoroughly with ample amounts of water for 15 minutes. If irritation persists, seek medical attention.
<b>Skin Contact:</b>	Wash thoroughly with soap and water. If molten material falls on skin, do not attempt to remove material from skin; cool immediately with water. If irritation persists, seek medical attention.
<b>Ingestion:</b>	Not a probable route of entry. 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:** Hazardous decomposition products may be generated in fire conditions.

**Special Fire-Fighting Procedure:** Wear self-contained breathing apparatus when extinguishing a fire.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

Product may present a slipping hazard. Sweep and dispose in accordance with all federal and state regulations. If dust is generated, remove dust by vacuuming or wet-mopping. Do not use compressed air to blow dust from surfaces.

## SECTION 7: HANDLING AND STORAGE

If dust is generated during shipping, remove the dust from the container by vacuuming or wet-mopping. 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 vapors or particulate, including cutting, machining, grinding, riveting, or abrading of this product, should be adequately exhausted.

**Respiratory Protection:** Not required under normal processing conditions. If dusty conditions exist, use a NIOSH-approved respirator if there is a potential for exposure to particulate or vapor exceeding PELs or TLVs. (See 29 CFR 1910.134, OSHA Respiratory Protection Standard.)

**Skin Protection:** Gloves and arm protection should be worn to avoid thermal burns.

**Eyes:** Wear safety glasses or goggles when handling this product.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Boiling Point:</b>	N/A	<b>Vapor Pressure:</b>	N/A
<b>Melting Point:</b>	>1000°F	<b>Vapor Density (air = 1):</b>	N/A
<b>pH:</b>	N/A	<b>% Volatile:</b>	N/A
<b>Specific Gravity:</b>	1.38	<b>Evaporation Rate:</b>	N/A
<b>Water Solubility:</b>	Insoluble	<b>Form, Color and Odor:</b>	Solid, varied and odorless

## SECTION 10: STABILITY AND REACTIVITY

**Stability:** Stable at normal temperatures and storage conditions.

**Incompatibility (Materials/Conditions to Avoid):** Strong mineral acids and oxidizing agents.

**Hazardous Polymerization:** Will not polymerize.

**Decomposition Products:** Avoid open flames and/or temperatures above 300° C for prolonged periods of time. At this temperature, thermal decomposition begins to occur producing such by-products as carbon monoxide, hydrogen cyanide, hydrogen chloride, ammonia, carbon dioxide, and oxides of nitrogen.

#### SECTION 11: TOXICOLOGICAL INFORMATION

**Inhalation:** Not available  
**Skin:** Not available  
**Eye:** Not available  
**Ingestion:** Not available  
**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:** N/A  
**Identification Number:** N/A  
**Packing Group:** N/A  
**Shipping Label:** None  
**Additional Marking Requirement:** None

#### SECTION 15: REGULATORY INFORMATION

**U.S. TSCA:** The 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:** PELs have not been established for the ingredients or the product.

**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
HEPA:	High efficiency particulate air
NIOSH:	National Institute of Occupational Safety and Health

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