



# MATERIAL SAFETY DATA SHEET

# MSDS012

## SECTION I-PRODUCTION IDENTIFICATION

### Z-TUFF™ PTFE COATED PRODUCTS

#### MANUFACTURER:

NEWTEX INDUSTRIES, INC.  
 8050 Victor-Mendon Road  
 Victor, New York 14564  
 Tel: 585-924-9135

## SECTION II - HAZARDOUS INGREDIENTS

The above products are considered "articles" according to OSHA hazard Communication Standard 29 CFR 1910.1200 and, as such, are exempt from the Material Safety Data Sheet provisions of 29 CFR 1910.1200(G)(6). As a service to the customer, Newtex Industries, Inc. has prepared this Material Safety Data Sheet to provide appropriate safety and handling information. These products are considered non-hazardous when used according to accepted practices for the intended use.

<u>AS MANUFACTURED:</u>	<u>WT.%</u>	<u>TLV/PEL</u>
Continuous Fibrous Glass	79	None
CAS # 65997-17-3		
Total dust		ACGIH TLV: 10 mg/m <sup>3</sup>
		OSHA PEL: 15 mg/m <sup>3</sup>
Respirable dust		ACGIH TLV: 3 mg/m <sup>3</sup>
		OSHA PEL: 5 mg/m <sup>3</sup>
Polytetrafluoroethylene (PTFE)	17	
Titanium dioxide	4	

## SECTION III - PHYSICAL DATA

BOILING POINT:	N/A	SPECIFIC GRAVITY RANGE (H <sub>2</sub> O=1):	2.4
MELTING POINT:	N/A	PERCENT VOLATILE BY VOLUME:	N/A
VAPOR PRESSURE (mm Hg):	N/A	EVAPORATION RATE(Butyl Acetate=1):	N/A
VAPOR DENSITY (Air=1):	N/A	SOLUBILITY IN WATER:	Insoluble
APPEARANCE AND ODOR:	Gray, odorless fabric		

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Approved by Laura Pritchard

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**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

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AUTOIGNITION POINT: 900°F

FLAMMABLE LIMIT: LEL: N/A UEL: N/A

UNUSUAL FIRE AND EXPLOSIVE HAZARDS: Product is difficult to ignite and will ordinarily not burn once the source of ignition is removed. Product will emit toxic fumes at high temperatures.

SPECIAL FIRE FIGHTING PROCEDURES: Wear face mask and self-contained breathing apparatus approved by U.S. Bureau of Mines if there is a danger of inhaling smoke from a fire involving any fluorocarbon.

EXTINGUISHING MEDIA: Water

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**SECTION V - HEALTH HAZARD DATA**

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ROUTES OF ENTRY: This material will not enter the body during normal use.

HEALTH HAZARD (Acute & Chronic): Exposure to fumes generated if the product is heated above 230°C may result in "Polymer Fume Fever".

SIGNS AND SYMPTOMS OF EXPOSURE: "Polymer Fume Fever" has flu-like symptoms (chills, fever, tightness in chest), appearing two or more hours after exposure and subsiding within 36 to 48 hours, even in the absence of treatment.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known

EMERGENCY FIRST AID PROCEDURES: Remove patient to fresh air and get medical attention.

CARCINOGENICITY: This product is not known as a carcinogen.

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**SECTION VI - REACTIVITY DATA**

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STABILITY: Stable

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Traces of incompletely burned fluorocarbon products.

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: Fabric strength is destroyed in strong bases and hydrofluoric acid.

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**SECTION VII - SPILL OR LEAK PROCEDURES**

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Material is a solid.

Pick up big pieces and sweep up any scrapes.

WASTE DISPOSAL METHOD: Dispose of as any other innocuous material. Discarded product is not a hazardous waste under RCRA 40 CFR 261.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: For maximum comfort, avoid excessive contact with skin and use good personal hygiene.

OTHER PRECAUTIONS: If excessive dust is generated, use a respirator approved by MSHA or NIOSH for dust.

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**SECTION VIII - CONTROL MEASURES**

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RESPIRATOR PROTECTION (specify type): Wear face mask and self-contained breathing (SCBA) apparatus approved by U.S. Bureau of Mines if there is a danger of inhaling smoke from a fire involving any fluorocarbon.

VENTILATION:

LOCAL EXHAUST: Only if product is heated above 230°C.

SPECIAL: Only if product is heated above 230°C.

MECHANICAL: None

OTHER: None

PROTECTIVE GLOVES: Not required

EYE PROTECTION: As generally good practice, safety glasses can be worn.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None required.

WORK HYGIENIC PRACTICES: Avoid excessive contact with skin. Wash thoroughly with soap and water after handling of the material.

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**SECTION IX - REGULATORY INFORMATION**

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WHMIS (CANADA) STATUS: Not Controlled

WHMIS Classification(s): None



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## SECTION X - HMIS AND NFPA RATINGS

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### HMIS Rating

Health (acute): 1  
Flammability: 0  
Reactivity: 0  
Personal Protection: \*

### NFPA Rating

Health: 1  
Flammability: 0  
Reactivity: 0  
Unusual Hazards: None

\* Personal protective equipment requirements must be supplied to the user depending upon use.

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