



Z-Tuff™ PTFE Coated Products

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations
Revision Date: 2/21/2018 Date of Issue: 5/1/18

Version: 1.0

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Article

Product Name: Z-Tuff™ PTFE Coated Products

Synonyms: PTFE/fiberglass coated composite

1.2. Intended Use of the Product

Use of the Substance/Mixture: No use is specified

1.3. Name, Address, and Telephone of the Responsible Party

Company

NEWTEX INDUSTRIES, INC.

8050 Victor-Mendon Road

Victor, New York 14564

(585) 924-9135

1.4. Emergency Telephone Number

Emergency Number : 1-800-836-1001

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

GHS-US Classification

Not classified

2.2. Label Elements

GHS-US Labeling

No labeling applicable

2.3. Other Hazards

No unusual conditions are expected from this product. Inhalation of the thermal decomposition products, arising from high temperature or fire, is hazardous to health. Cutting or abrading this material may produce small amounts of glass fiber particulates which may cause skin irritation.

2.4. Unknown Acute Toxicity (GHS-US)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable

3.2. Mixture

Name	Product Identifier	%
Polytetrafluoroethylene (PTFE)	(CAS No) 9002-84-0	17
Fiberglass fabric	(CAS No) 65997-17-3	79
Titanium dioxide	(CAS No) 13463-67-7 Y	4
Carbon		< 1

Within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200]: this mixture is not considered a hazard when used in a manner which is consistent with the labeled directions. This mixture is considered an article in its final form.

SECTION 4: FIRST AID MEASURES

4.1. Description of First-aid Measures

First-aid Measures After Inhalation: Remove from further exposure. If cough or other symptoms develop, seek medical attention.

First-aid Measures After Skin Contact: If skin becomes irritated, do not rub or scratch. Wash the affected area with soap and water.

First-aid Measures After Eye Contact: If eyes become irritated, flush immediately with lukewarm water for 15 minutes.

First-aid Measures After Ingestion: Drink plenty of water to reduce irritation. If irritation persists, seek medical attention.

4.2. Most Important Symptoms and Effects Both Acute and Delayed

Symptoms/Injuries: Not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms/Injuries After Inhalation: Inhalation of fumes from burning or heating above 600 °F can cause polymer fume fever.

Symptoms/Injuries After Skin Contact: Cutting or abrading this material may product small amounts of glass fiber particulates which may cause skin irritation.

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Symptoms/Injuries After Eye Contact: Not a likely route of entry.

Symptoms/Injuries After Ingestion: Not a likely route of entry. Ingestion can cause gastrointestinal tract irritation.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Water.

Unsuitable Extinguishing Media: None known.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Autoignition point 900°F.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any fire.

Firefighting Instructions: Use firefighting measures appropriate for the surrounding fire.

Protection During Firefighting: Self-contained breathing apparatus with full face piece and protective clothing if involved in a fire with other materials.

Hazardous Combustion Products: Product will emit toxic fumes at high temperatures.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Accidental release of the product does not present a hazard under normal conditions of use.

6.1.1. For Non-Emergency Personnel

Protective Equipment: Use of personal protective equipment (PPE) is not generally required but should be evaluated based on the extent and severity of accidental release.

Emergency Procedures: Evacuate the area if accidental release presents a significant hazard.

6.1.2. For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection as conditions warrant.

Emergency Procedures: Upon arrival at the scene a first responder is expected to protect oneself and the public, secure the area, and call for the assistance of trained personnel as conditions permit.

6.2. Environmental Precautions

The product does not pose a significant hazard to the environment.

6.3. Methods and Materials for Containment and Cleaning Up

For Containment: Contain the product and collect as any solid.

Methods for Cleaning Up: Material is a solid. Pick up the larger pieces and wet sweep or vacuum up any scraps. Place in a suitable container for disposal as a non-hazardous waste.

6.4. Reference to Other Sections

See Section 8 for advice on personal protective equipment and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: Further processing of the product requires an evaluation of potential hazards based upon intended use.

Precautions for Safe Handling: Handle in a manner consistent with good and safe industrial techniques and practices.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: No technical measures are necessary for storage of the product.

Storage Conditions: Store in cool, dry, conditions.

Incompatible Products: None known.

7.3. Specific End Use(s)

No use is specified

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

Fibrous glass dust:	5 mg/m ³ – inhalable
	0.1 mg/m ³ – respirable
	10 mg/m ³ – total dust

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8.2. Exposure Controls

- Appropriate Engineering Controls** : Use local exhaust or general room dilution to maintain employee exposures below occupational exposure limits.
- Personal Protective Equipment** : As generally good practice, safety glasses with side shields should be worn.
- Respiratory Protection** : Under normal use conditions, airborne exposures are not expected to be significant enough to require respiratory protection.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	: Solid
Appearance	: PTFE/fiberglass composite
Odor	: Odorless
Odor Threshold	: No data available
pH	: Not applicable
Evaporation Rate	: Not applicable
Melting Point	: Not applicable
Freezing Point	: Not applicable
Boiling Point	: Not applicable
Flash Point	: No data available
Auto-ignition Temperature	: No data available
Decomposition Temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor Pressure	: Not applicable
Relative Vapor Density at 20°C	: Not applicable
Relative Density	: No data available
Specific Gravity	: 2.3
Solubility	: Insoluble
Partition Coefficient: N-Octanol/Water	: Not applicable
Viscosity	: Not applicable

9.2. Other Information No additional information available

SECTION 10: STABILITY AND REACTIVITY

- 10.1. Reactivity:** Hazardous reactions will not occur under normal conditions.
- 10.2. Chemical Stability:** Stable under recommended handling and storage conditions.
- 10.3. Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.
- 10.4. Conditions to Avoid:** Strong oxidizers, acids, and bases.
- 10.5. Incompatible Materials:** None known.
- 10.6. Hazardous Decomposition Products:** Thermal decomposition may produce toxic and corrosive gaseous products.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Acute Toxicity: Not classified

Skin Corrosion/Irritation: Not classified

Serious Eye Damage/Irritation: Not classified

Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified

Carcinogenicity: Not classified. (There are no known health effects from the long term use or contact with non-respirable continuous filament fibers, which is the type of fiberglass that is used. Non-respirable fibers cannot reach the deep lung because they have a diameter of greater than 3.5 micrometers. Fibers of this diameter cannot penetrate the narrow, bending passages of the human respiratory tract to reach the lower regions of the lung, and thus have no possibility of causing serious pulmonary damage. They deposit on the surfaces of the upper respiratory tract, nose, or pharynx. These fibers are then cleared through normal physiological mechanisms)

Glass, oxide, chemicals (65997-17-3)

IARC group

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Reproductive Toxicity: Not classified

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Specific Target Organ Toxicity (Single Exposure): Not classified

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: During normal handling conditions, inhalation in excess of exposure limits is not likely to occur. Inhalation of thermal decomposition products including hydrogen fluoride, perfluoroisobutylene, and carbonyl fluoride may be produced. Inhalation may result in serious lung irritation. Symptoms of exposure may include chills, headache, nausea, and breathing discomfort, cough, or sore throat (polymer fume fever). These symptoms generally disappear with 24-48 hours.

Symptoms/Injuries After Skin Contact: Direct contact may cause irritation by mechanical abrasion.

Symptoms/Injuries After Eye Contact: May cause mechanical eye irritation.

Symptoms/Injuries After Ingestion: Not expected to be a primary route of exposure. May cause gastro-intestinal blockage if swallowed.

SECTION 12: ECOLOGICAL INFORMATION

This product has no known eco-toxicological effects. It is considered to be an inert solid waste.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste Treatment Methods

Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, and international regulations. Do not incinerate unless incinerator is capable of scrubbing hydrogen fluoride and other acidic combustion products. Dispose of as any other innocuous material. Product is not considered a hazardous waste.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

14.1. In Accordance with ADR/RID Not regulated for transport

14.2. In Accordance with IMDG Not regulated for transport

14.3. In Accordance with IATA Not regulated for transport

SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

All ingredients are TSCA listed.

Manufactured in accordance with EC Commission Directive 1907/2006 (REACH) (Article 31, Annex II)

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision Date : 5/1/18

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

The information herein is given in good faith, but no warranty, expressed or implied is made and we assume no liability from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.

SDS US (GHS HazCom)