



TYFO® NSM COMPOSITE LAMINATE BARS / TYFO® UC COMPOSITE LAMINATE STRIPS

Section 1. Product and Company Identification

Product Name: TYFO® NSM Composite Laminate Bars / TYFO® UC Composite Laminate Strips
Supplier: FyfeFRP LLC | 621 Lockhaven Drive. Houston, TX 77073 | +1 281.590.8491
Emergency Phone Number: 800.424.9300 (CHEMTREC)
+1 703.741.5970 (Outside the US)
Product Description: Carbon Product
Product Use: For professional use only

Section 2. Hazards Identification

Classification of the substance or mixture

Not classified

Label Elements: Not applicable

Hazard Statement(s): Not classified

Other hazards not contributing to the classification: Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions. Dust generated during processing may cause an allergic reaction in sensitive individuals. Electroconductive: carbon fiber dust may cause short circuiting of electrical devices. Contains substances that are combustible dusts, the powdered forms of these substances may form combustible dust concentrations in air.

Signal Word: Not applicable

Precautionary Statement(s): Not applicable

Section 3. Composition/ Information on Ingredients

Chemical Name	CAS-No	Weight %
Carbon fiber	7440-44-0	60 – 70

(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

First Aid Measures for Accidental:

First-aid measures after inhalation: Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact: Wash skin with plenty of water.

First-aid measures after eye contact: Rinse eyes with water as a precaution.

First-aid measures after ingestion: Call a poison center/doctor/physician if you feel unwell

Most important symptoms/effects, acute and delayed:

No additional information available



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Indication of immediate medical attention and special treatment needed: Treat symptomatically.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media: Water spray. Dry powder. Foam.

Special protective equipment and precautions for fire-fighters:

Protection during firefighting: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing

Specific Hazards Arising from the substance or mixture:

The product is non-reactive under normal conditions of use, storage and transport.

Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment, and Emergency Procedures: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection"

Environmental Precautions: Avoid release to the environment.

Methods and Materials for Containment and Cleaning Up: Mechanically recover the product. Dispose of materials or solid residues at an authorized site.

Section 7. Handling and Storage

Precautions for safe handling: Ensure good ventilation of the workstation. Wear personal protective equipment.

Hygiene measures: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

Conditions for safe storage including any incompatibilities: Store in a well-ventilated place. Keep cool.

Section 8. Exposure Controls / Personal Protection

Control Parameters (Exposure Limits):

Chemical Name	ACGIH- TWA (mg/m ³)	OSHA PEL- TWA (mg/m ³)
Carbon fiber	15 mg/m ³	15 mg/m ³

Appropriate Engineering Control: Ensure good ventilation of the workstation.

Personal Protective Equipment:

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.

Eye / Face Protection: Safety glasses.

Skin Protection: Gloves. Protective clothing.

Environmental exposure controls: Avoid release to the environment.


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Section 9. Physical and Chemical Properties

Physical state:	Solid
Color:	Black
Odor:	Odourless.
Odor threshold:	No data available
pH:	No data available
Melting point:	No data available
Freezing point:	Not applicable
Boiling point:	No data available
Flash point:	Not applicable
Relative evaporation rate (butyl acetate=1):	No data available
Flammability (solid, gas):	Non flammable
Explosion limits:	Not applicable
Explosive properties:	No data available
Oxidizing properties:	No data available
Vapor pressure:	No data available
Relative density:	Not applicable
Relative vapor density at 20 °C:	No data available
Solubility:	No data available
Log Pow:	No data available
Auto-ignition temperature:	Not applicable
Decomposition temperature:	No data available
Viscosity:	Not applicable

Section 10. Stability and Reactivity

Reactivity: The product is non-reactive under normal conditions of use, storage and transport.

Chemical Stability: Stable under normal conditions.

Possibility of Hazardous reactions: No dangerous reactions known under normal conditions of use.

Conditions to Avoid: None under recommended storage and handling conditions (see section 7).

Incompatible Materials / Chemicals: No additional information available.

Hazardous Decomposition Products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological Information

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

Reproductive toxicity: Not classified

Specific target organ toxicity – single exposure: Not classified

Specific target organ toxicity – repeated exposure: Not classified

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Aspiration hazard: Not classified

Section 12. Ecological Information

Ecotoxicity: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Persistence and degradability: No additional information available

Bioaccumulative potential: No additional information available

Mobility in soil: No additional information available

Other adverse effects: No known effects from this product.

Section 13. Disposal Considerations

Waste treatment methods: Dispose of contents/container in accordance with licensed collector's sorting instructions

Uncleaned packaging: Do not re-use empty containers for food, clothing, or products for human or animal consumption, or where skin contact can occur. Dispose of container and unused contents in accordance with federal, state, and local regulations.

Section 14. Transport Information

US DOT: Not Regulated

Section 15. Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

Federal Regulations:

All ingredients are listed on the United States TSCA (Toxic Substances Control Act) inventory

International regulations

Canada: No additional information available

EU-Regulations: No additional information available

National regulations

No additional information available

US State regulations

No additional information available

Section 16. Other Information

NFPA Rating:

Health – 1

Fire Hazard – 1

Reactivity – 0

Key Legend Information:

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CAS: Chemical Abstracts Service
IATA: International Air Transport Association
ICAO: International Civil Aviation Organization
IMDG: International Maritime Dangerous Goods
NIOSH: National Institute for Occupational Safety and Health
OSHA: Occupational Safety and Health Administration

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