



## **SAFETY DATA SHEET: GLASS FIBER ALLOY** **NYLON**

### **1. Identification of the substance or mixture and of the supplier**

#### **A. GHS product identifier :**

[1] TAULMAN3D GLASS FIBER ALLOY NYLON

[2] SDS# 021022TAUL

#### **B. Recommended use of the chemical and restrictions on use**

**Recommended use :** Plastics

**Restrictions on use :** Use for recommended use only

#### **C. Supplier**

**Company name :** TAULMAN3D, LLC

**Address :** 1600 A Street NE, Suite 18, Linton, IN 47441

**Website :** <https://taulman3d.com>

**Email :** [taulman@taulman3d.com](mailto:taulman@taulman3d.com)

**Emergency phone number :** INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

## 2. Hazards identification

### A. GHS classification of the substance/mixture

Not classified

### B. GHS label elements, including precautionary statements

**Pictogram and symbol** : Not applicable

**Signal word** : Not applicable

**Hazard statements** : Not applicable

#### **Precautionary statements**

**Precaution** : Not applicable

**Treatment** : Not applicable

**Storage** : Not applicable

**Disposal** : Not applicable

### C. Other hazard information not included in hazard classification (NFPA)

**Health** : Not available

**Flammability** : Not available

**Reactivity** : Not available

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## 3. Composition/information on ingredients

### A. Substance [1]

Chemical Name	Common Name (Synonyms)	Additional Information	Content (%)
Polyamide 6/66	Nylon 6/66	Proprietary	>80
Glass Fiber	Glass Fiber	Proprietary	<20

## **4. First aid measures**

### **A. Eye contact**

- Seek medical attention if eye symptoms occur.
- In case of contact with molten substance, immediately flush eyes with water for at least 15 minutes. Seek medical attention immediately.

### **B. Skin contact**

- Remove and isolate contaminated clothing and shoes.
- Seek medical attention if skin symptoms occur.
- If burned by contact with hot material, cool molten material adhering to skin as quickly as possible with water, and see a physician for removal of adhering material and treatment of burn.
- Wash contaminated clothing and shoes before reuse.

### **C. Inhalation** : Not available

### **D. Ingestion**

- Get medical attention if substance is ingested.

### **E. Indication of immediate medical attention and notes for physician**

- Call emergency medical service. Get medical advice/attention if you needed.
- Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.
- If burned by contact with molten material, cool as quickly as possible with water, and then see a physician for treatment.

## **5. Fire fighting measures**

### **A. Suitable (and unsuitable) extinguishing media**

- Suitable extinguishing media: CO<sub>2</sub>, water, sand

### **B. Specific hazards arising from the chemical**

- Thermal decomposition products: Not available
- Hazardous combustion products: CO<sub>2</sub>, CO
- Unusual fire and explosion hazards : No explosion hazards.

### **C. Special protective equipment and precautions for fire-fighters**

- Wear positive pressure self-contained breathing apparatus (SCBA).
- Structural fire fighters' protective clothing will only provide limited protection.

## **6. Accidental release measures**

### **A. Personal precautions, protective equipment and emergency procedures**

- Stop leak if it can be done without risk.
- Isolate exposed area.
- Exclude unauthorized personnel.
- Use certified protective equipment.
- Ventilate the leaked area.
- Do not touch or walk through spilled material.

### **B. Environmental precautions and protective procedures**

- Prevent entry into waterways, sewers, basements or confined areas.

### **C. The methods of purification and removal**

- Use sweeping brush or vacuum cleaner.

## **7. Handling and storage**

### **A. Precautions for safe handling**

- Avoid contact with molten material.
- Use general dilution ventilation and /or local exhaust ventilation to control airborne exposures.
- Prevention of Fire and Explosion: Not available.

### **B. Conditions for safe storage**

- Keep container closed.
- Store container in a well dry/cool place.
- Keep away from water ways and sewers.
- Keep away from any source of ignition.

## **8. Exposure controls/personal protection**

### **A. Occupational Exposure limits**

**OSHA regulation** : Not applicable

**EU regulation** : Not applicable

**Biological exposure index** : Not applicable

**NIOSH regulation** : Not applicable

**Korea regulation** : Not applicable

**ACGIH regulation** : Not applicable

**Other** : Not applicable

### **B. Appropriate engineering controls**

- Provide local exhaust ventilation system or other engineering controls to keep any airborne contamination below the respective threshold limit value.
- Check legal suitability of exposure level.

### **C. Personal protective equipment**

#### **Respiratory Protection:**

- Wear NIOSH approved full or half face piece (with goggles) respiratory protective equipment when necessary.

#### **Eye protection**

- An eye wash unit and safety shower station should be available nearby work place.
- Wear safety glasses to protect eyes when working with molten material..

#### **Hand protection**

- It is a good industrial hygiene practice to minimize skin contact.
- When material is heated, wear gloves to protect against thermal burns

#### **Body protection**

- It is a good industrial hygiene practice to minimize skin contact. When material is heated, Wear gloves to protect against thermal burns.

## 9. Physical and chemical properties

### A. Appearance

**Description :** Solid (pellets)

**Color :** Black or varies with product

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**B. Odor :** Slight odor

**C. Odor threshold :** Not applicable

**D. pH :** Not applicable

**E. Melting point/freezing point :** Not applicable

**F. Initial boiling point and boiling range :** Not applicable

**G. Flash point :** Not available

**H. Evaporation rate :** Not available

**I. Flammability (solid, gas) :** Not available

**J. Upper/lower flammability or explosive limits :** Not available

**K. Vapor pressure :** Negligible (20°C)

**L. Solubility (ies) :** Negligible

**M. Vapor density :** Not available

**N. Specific gravity :** > 1(density: 1.23 ~ 1.27g/ml (25 °C)

**O. Partition coefficient: n-octanol/water :** Not available

**P. Auto ignition temperature :** Not available

**Q. Decomposition temperature :** Not available

**R. Viscosity :** Not available

**S. Molecular weight :** Not available

## 10. Stability and reactivity

**A. Chemical stability :** Stable

**B. Possibility of hazardous reactions:** None Known

**C. Conditions to avoid:** None Known

**D. Incompatible materials:** Not available

**E. Hazardous decomposition products:** Not available

## **11. Toxicological information**

### **A. Information of health Hazardous**

#### **Acute toxicity**

**Oral :** None known

**Dermal :** Not available

**Inhalation :** Not available

**Skin corrosion/ irritation :** Molten material will produce thermal burns

**Serious eye damage/ irritation :** Molten material will produce thermal burns

**Respiratory sensitization :** Not available

**Skin sensitization :** Not available

**Carcinogenicity :** Not classified

OSHA, NTP, IARC, KOREA-ISHL, ACGIH, EU Regulation 1272/2008: Not listed

**Mutagenicity :** Not available

**Specific target organ toxicity (single exposure) :** Not available

**Specific target organ toxicity (repeat exposure) :** Not available

**Aspiration Hazard :** Not available

## **12. Ecological information**

### **A. Ecological toxicity**

- **Acute toxicity :** Not available

- **Chronic toxicity :** Not available

**Fish** : Not available

**crustacean** : Not available

**Algae** : Not available

**B. Persistence and degradability**

**Persistence** : Not available

**Degradability** : Not available

**C. Bioaccumulative potential**

**Bioaccumulation** : Not available

**Biodegradation** : Not available

**D. Mobility in soil** : Not available

**E. Other hazardous effect** : Not available

## **13. Disposal considerations**

**A. Disposal method**

-Waste must be disposed of in accordance with federal, state and local environmental control regulations.

**B. Disposal precaution**

-Consider the requirements of any applicable waste treatment management regulation.

## **14. Transport information**

**A. UN Number**

ADR/RID(International Carriage of Dangerous Goods by Rail and by Road), DOT (US Department of Transportation), IMDG (International Maritime Dangerous Goods Code), IATA (International Air Transport Association) : Not regulated as a hazardous material.

**B. UN Proper shipping name**

ADR/RID, DOT, IMDG, IATA : Not applicable

**C. Transport Hazard class**

ADR/RID, DOT, IMDG, IATA : Not applicable



**D. Packing group**

**ADR/RID, DOT, IMDG, IATA** : Not applicable

**E. Marine pollutant** : Not applicable

**F. Special precautions**

**in case of fire** : Not applicable

**in case of leakage** : Not applicable

## **15. Regulatory information**

**1 US Regulatory information**

**U.S.A management information (OSHA Regulation)** : Not regulated

**U.S.A management information (CERCLA Regulation)** : Not regulated

**U.S.A management information (EPCRA 302 Regulation)** : Not regulated

**U.S.A management information (EPCRA 304 Regulation)** : Not regulated

**U.S.A management information (EPCRA 313 Regulation)** : Not regulated

**2 Foreign Regulatory Information**

**EU classification (classification)** : Not regulated **EU classification (risk phrases)** : Not regulated

**EU classification (safety phrases)** : Not regulated **EU SVHC list** : Not regulated

**EU Authorisation List** : Not regulated

**EU Restriction list** : Not regulated

**Persistent Organic Pollutants Acts** : Not regulated

**Korea regulatory Information**

**Occupational Safety and Health Regulation** : Not regulated

**Toxic Chemical Control Act** : Non-Toxic Chemicals (97-3-186)

**Dangerous Material Safety Management Regulation** : Not regulated

**Waste Control Act** : Not regulate

Japan management information Existing and New Chemical Substances (ENCS): (7)-714

China management information Inventory of Existing Chemical Substances (IECSC): Present  
01980

Canada management information Domestic Substances List (DSL): Present

Australia management information Inventory of Chemical Substances (AICS): Present

**Substance of Rotterdam Protocol** : Not regulated

**Substance of Stockholm Protocol** : Not regulated

**Substance of Montreal Protocol** : Not regulated

## **16. Other information**

### **A. Information source and references**

**B. Issuing date** : 06/11/15

### **C. Revision number and date**

**revision number** : 2

**date of the latest revision** : 01/03/21

### **D. Others**

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