

# SAFETY DATA SHEET



## Tyger™ Tree Rope – Orange/Black Tying Twine

Version 1.0 Revision Date: 07/21/2023

Date of last issue: 03/15/2016

Date of first issue: 03/15/2016

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### SECTION 1. IDENTIFICATION

Product name : Tyger™ Tree Rope – Orange/Black Tying Twine

#### Manufacturer or supplier's details

Company name of supplier : Fabpro Polymers

Address : 110 South Fabpro Way

PO Box 517

Kingman, KS 67068

Emergency telephone : ChemTel: +1-813-248-0585

National Emergency Telephone Number : USA: +1-800-255-3924 ChemTel contract no. MIS9240420

#### Recommended use of the chemical and restrictions on use

Recommended use : Product for construction chemicals

Restrictions on use : Reserved for industrial and professional use.

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### SECTION 2. HAZARDS IDENTIFICATION

#### GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Not a hazardous substance or mixture.

#### GHS label elements

Not a hazardous substance or mixture.

#### Other hazards

None known.

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### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : synthetic fiber

#### Components

Chemical name	CAS-No.	Concentration (% w/w)
Polypropylene	9003-07-0	>97%
Carbon Black	1333-86-4	<1%
Proprietary colorant	None	<2

The exact composition of the product is proprietary.

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### SECTION 4. FIRST AID MEASURES

General advice : Do not leave the victim unattended.

If inhaled : If unconscious, place in recovery position and seek medical advice.

If symptoms persist, call a physician.

In case of skin contact : After contact with skin, wash immediately with plenty of water and soap.

Under no circumstances should organic solvent be used.

If irritation develops, seek medical attention.

# SAFETY DATA SHEET



## Tyger™ Tree Rope – Orange/Black Tying Twine

Version 1.0    Revision Date: 07/21/2023    Date of last issue: 03/15/2016  
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- In case of eye contact : Remove contact lenses.  
Protect unharmed eye.  
If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.
- Most important symptoms and effects, both acute and delayed : None known.
- Notes to physician : Treat symptomatically.

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### SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Foam  
Water spray  
Dry powder  
Carbon dioxide (CO<sub>2</sub>)
- Unsuitable extinguishing media : water jet
- Hazardous combustion products : fumes/smoke  
harmful vapours  
Carbon oxides  
nitrogen oxides  
carbon black
- Further information : Standard procedure for chemical fires.  
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Special protective equipment for fire-fighters : Wear self-contained breathing apparatus for firefighting if necessary.

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### SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Avoid dust formation.
- Environmental precautions : Contain contaminated water/firefighting water.  
Do not discharge into drains/surface waters/groundwater.
- Methods and materials for containment and cleaning up : Pick up and arrange disposal without creating dust.  
Sweep up and shovel.  
Keep in suitable, closed containers for disposal.

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### SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Provide appropriate exhaust ventilation at places where dust is formed.
- Advice on safe handling : For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.
- Conditions for safe storage : Electrical installations / working materials must comply with the technological safety standards.

# SAFETY DATA SHEET



## Tyger™ Tree Rope – Orange/Black Tying Twine

Version 1.0 Revision Date: 07/21/2023

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- Further information on storage conditions : Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame. Protect from direct sunlight.
- Materials to avoid : Segregate from strong acids.  
Segregate from strong bases.  
Segregate from strong oxidizing agents.  
No materials to be especially mentioned.
- Recommended storage temperature : < 140 °F / < 60 °C
- Further information on storage stability : No decomposition if stored and applied as directed.

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### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Ingredients with workplace control parameters

Contains no substances with occupational exposure limit values.

**Engineering measures** No applicable information available.

#### Personal protective equipment

- Respiratory protection : Wear appropriate certified respirator when exposure limits may be exceeded.  
Use NIOSH approved respiratory protection.
- Hand protection : Protective glove selection must be based on the user's assessment of the workplace hazards.
- Eye protection : Safety glasses with side shields.
- Skin and body protection : Body protection must be chosen based on level of activity and exposure.
- Protective measures : Handle in accordance with good building materials hygiene and safety practice.  
Wearing of closed work clothing is recommended.
- Hygiene measures : General industrial hygiene practice.

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### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : Twine/Cordage
- Color : Orange spiral wrap and black monofilaments
- Odor : odorless
- pH : Not applicable

# SAFETY DATA SHEET



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Melting point	:	No applicable information available.
Boiling point	:	Not applicable
Flash point	:	Not applicable
Evaporation rate	:	Not applicable The product is a non-volatile solid.
Flammability (solid, gas)	:	No applicable information available.
Upper explosion limit / Upper flammability limit	:	Not applicable
Lower explosion limit / Lower flammability limit	:	Not applicable
Vapor pressure	:	No applicable information available.
Relative vapor density	:	Not applicable The product is a non-volatile solid.
Relative density	:	No applicable information available.
Density	:	No data available
Solubility(ies)		
Water solubility	:	Not applicable
Solubility in other solvents	:	No applicable information available.
Partition coefficient: n-octanol/water	:	No applicable information available.
Autoignition temperature	:	No applicable information available.
Decomposition temperature	:	No decomposition if stored and handled as prescribed/indicated.
Viscosity		
Viscosity, dynamic	:	Not applicable
Viscosity, kinematic	:	Not applicable
Explosive properties	:	No data available
Oxidizing properties	:	not determined
Self-heating substances	:	No data available
Sublimation point	:	No applicable information available.
Molecular weight	:	No data available

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### SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No decomposition if stored and applied as directed.
Chemical stability	:	No decomposition if stored and applied as directed.

# SAFETY DATA SHEET



## Tyger™ Tree Rope – Orange/Black Tying Twine

Version 1.0 Revision Date: 07/21/2023

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Possibility of hazardous reactions	:	Stable under recommended storage conditions. No hazards to be specially mentioned.
Conditions to avoid	:	See SDS section 7 - Handling and storage.
Incompatible materials	:	Strong acids  Strong bases Strong oxidizing agents Strong reducing agents
Hazardous decomposition products	:	No hazardous decomposition products if stored and handled as prescribed/indicated.

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### SECTION 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

Not classified based on available information.

#### Product:

Acute oral toxicity : Remarks: No applicable information available.

Acute inhalation toxicity : Remarks: No applicable information available.

Acute dermal toxicity : Remarks: No applicable information available.

#### Skin corrosion/irritation

Not classified based on available information.

#### Serious eye damage/eye irritation

Not classified based on available information.

#### Respiratory or skin sensitization

##### Skin sensitization

Not classified based on available information.

##### Respiratory sensitization

Not classified based on available information.

#### Germ cell mutagenicity

Not classified based on available information.

#### Carcinogenicity

Not classified based on available information.

**IARC** Carbon Black has been evaluated by IARC as possibly carcinogenic to humans (Group 2B).

**OSHA** No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

**NTP** No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

#### Reproductive toxicity

Not classified based on available information.

#### STOT-single exposure

# SAFETY DATA SHEET



## Tyger™ Tree Rope – Orange/Black Tying Twine

Version 1.0 Revision Date: 07/21/2023

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Not classified based on available information.

### **STOT-repeated exposure**

Not classified based on available information.

### **Aspiration toxicity**

Not classified based on available information.

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## SECTION 12. ECOLOGICAL INFORMATION

### **Ecotoxicity**

#### **Product:**

#### **Ecotoxicology Assessment**

Acute aquatic toxicity : This product has no known ecotoxicological effects.

Chronic aquatic toxicity : This product has no known ecotoxicological effects.

### **Persistence and degradability**

#### **Product:**

Biodegradability : Remarks: Taking into consideration the properties of several ingredients, the product is estimated not to be readily biodegradable according to OECD classification.

### **Bioaccumulative potential**

#### **Product:**

Bioaccumulation : Remarks: No data available.  
Discharge into the environment must be avoided.

### **Mobility in soil**

No data available

### **Other adverse effects**

#### **Product:**

Additional ecological information : There is a high probability that the product is not acutely harmful to aquatic organisms.  
The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

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## SECTION 13. DISPOSAL CONSIDERATIONS

### **Disposal methods**

Waste from residues : Dispose of in accordance with national, state and local regulations.  
Do not discharge into drains/surface waters/groundwater.  
Do not contaminate ponds, waterways or ditches with chemical or used container.

# SAFETY DATA SHEET



## Tyger™ Tree Rope – Orange/Black Tying Twine

Version 1.0 Revision Date: 07/21/2023

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Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

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### SECTION 14. TRANSPORT INFORMATION

#### International Regulations

##### IATA-DGR

Not regulated as a dangerous good

##### IMDG-Code

Not regulated as a dangerous good

##### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

##### Domestic regulation

##### 49 CFR

Not regulated as a dangerous good

##### Special precautions for user

Not applicable

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### SECTION 15. REGULATORY INFORMATION

#### CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

#### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

#### SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

**SARA 313** : Lead Compounds <1200 ppm  
Chromium (VI) Compounds <200 ppm

#### US State Regulations

##### Pennsylvania Right To Know

polypropylene 9003-07-0

##### New Jersey Right To Know

polypropylene 9003-07-0

#### California Prop. 65

This product contains chemical(s) known to the State of California to cause cancer and/or birth defects or other reproductive harm. Carbon Black (airborne, unbound particles of respirable size) is listed on Proposition 65. As sold, the carbon black is encapsulated into a polymer matrix.

This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and reproductive toxicity. For more information go to [www.P65warnings.ca.gov](http://www.P65warnings.ca.gov).

#### The ingredients of this product are reported in the following inventories:

TSCA : Exempt as an article

DSL : Exempt as an article

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Version 1.0 Revision Date: 07/21/2023

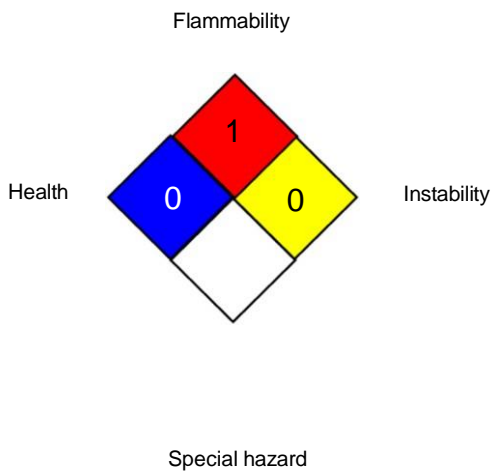
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### SECTION 16. OTHER INFORMATION

#### Further information

##### NFPA 704:



##### HMIS® IV:

HEALTH		
FLAMMABILITY		1
PHYSICAL HAZARD		

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "\*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

#### Full text of other abbreviations

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardization; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organization for Standardization; KECl - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition



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Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Sub- stance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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