



Cellusuede Products, Inc.

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product Name: Nylon Polyamide Fiber

Manufacturer: Cellusuede Products, Inc.

Address: 1515 Elmwood Road, Rockford IL 61103 Telephone: 815-964-8619

Recommended Use: Decorative and functional applications

SECTION 2: HAZARD(S) INFORMATION

SARA Hazard Notification:

Hazard Categories under criteria of SARA Title III rules (40 CFR Part 370): Not Applicable

On the basis of human patch tests, it has been concluded that this product is not a primary or cumulative skin irritant, or a sensitizing agent.

SECTION 3: COMPOSITION/INGREDIENT INFORMATION

Chemical Name and Synonyms: Nylon, Polyamide

<u>Material</u>	<u>CAS No.</u>	<u>%</u>
Nylon 6.6 Polyamide	32131-17-2	90-99
Water, absorbed	7732-18-5	0-4.5
Titanium Dioxide (if present)	13463-67-7	<5
Carbon Black (if present)	1333-86-4	1-2

This fiber may have been produced with carbon black and/or titanium dioxide. These compounds, as present in this material, are not water soluble and are encapsulated in the polymer. They are not extracted or released in normal processing and handling. Therefore, these compounds are not expected to present a hazard in normal handling, processing, use and disposal.

SECTION 4: FIRST AID MEASURES

CONTACT: Treat as nuisance dust hazard. Flush eyes with water for 15 minutes. If irritation persists, obtain medical attention.

SKIN CONTACT: Treat as nuisance dust hazard. Flush contaminated skin with soap and water. If irritation persists, obtain medical attention.

INHALATION: Remove to fresh air. Other measures are usually unnecessary. If irritation persists, obtain medical attention.

INGESTION: No special precautions necessary.

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SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT:	325°C (617°F)
AUTOIGNITION TEMPERATURE:	420°C (788°F)
FLAMMABLE LIMITS (% BY VOLUME):	LEL N.A. UEL N.A.
EXTINGUISHING MEDIA:	Water spray or any Class A extinguishing agent.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Fiber/air mixtures may be explosive within certain concentration limits and sufficiently high ignition energies. Minimize airborne fiber concentrations with aggressive housekeeping procedures and effective ventilation, especially in areas of potential stray fiber movement.

FIRE AND EXPLOSION PREVENTIVE MEASURES:

- Minimize the escape of fiber from process equipment or ventilation systems.
- Use dust collection systems and filters.
- Provide access to hidden areas to permit regular inspection and cleaning.
- Clean fiber residues in all areas at regular intervals.
- Use cleaning methods that minimize airborne fiber, especially if potential ignition sources are present.
- Use appropriate electrical equipment and wiring methods.
- Control static electricity, including proper grounding of equipment.
- Control smoking, open flames, and sparks.
- Separate heated surfaces and systems from fiber residue.

Firefighters and others who may be exposed to products of combustion should wear full protective equipment including self-contained breathing apparatus. Firefighting equipment should be thoroughly decontaminated after use.

SECTION 6: ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Reclaim for processing if possible.

WASTE DISPOSAL METHOD:

Material is not a "hazardous waste" as defined in 40 CFR 261; therefore, disposal is permitted by landfill or by incineration. Comply with local, state and federal regulations.

SECTION 7: HANDLING AND STORAGE

Avoid extreme conditions of heat and humidity. Avoid dust accumulation. Store boxes and bales in accordance with good materials handling practices.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION:	None normally required. However, good safety and industrial hygiene practices should be followed.
SKIN PROTECTION:	None normally required. However, good safety and industrial hygiene practices should be followed.
RESPIRATORY PROTECTION:	Avoid breathing dust. Use NIOSH/MSHA approved equipment when airborne exposure is excessive. Respiratory protection must comply with 29 CFR 1910.134.
VENTILATION:	Local and general exhaust ventilation should be used as needed to prevent irritation and avoid dust accumulation.

OTHER PROTECTIVE EQUIPMENT: Eye wash station and safety shower should be near work area.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: N.A. SPECIFIC GRAVITY (H₂O=1): 1.14 @ 20/20°C
VAPOR PRESSURE: N.A. MELTING POINT: ≈250°C/482°F
HEAT SHRINKAGE @ 200°C: 10% DISCOLORATION TEMPERATURE: 149°C/300°F/5 hr.
SOLUBILITY: Soluble in conc. formic acid. Not soluble in water, alcohol, xylene, benzene, acetone.

Stable to fungal or bacterial attack.

SECTION 10: STABILITY AND REACTIVITY

STABILITY:

Unstable: _____ Stable: X

CONDITIONS TO AVOID: Avoid packing or storage at temperatures above 80°C (176°F)

HAZARDOUS DECOMPOSITION PRODUCTS: Hazardous gases/vapors produced are carbon monoxide, ammonia, traces of hydrogen cyanide and oxides of nitrogen.

HAZARDOUS POLYMERIZATION:

Will occur: _____ Will not occur: X

SECTION 11: TOXICOLOGICAL INFORMATION

PRIMARY ROUTES OF EXPOSURE:

EXPOSURE LIMITS:

Nylon polyamide fiber

Skin contact

TWA Inhalation

OSHA PEL:
(Nuisance dust)

None established
10 mg/m₃ (Respirable)TWA

Titanium dioxide (wt. % <5)

Skin contact

TWA Inhalation

OSHA PEL: 10 mg/m₃
ACGIH TLV (1986-7): 5 mg/m₃

Oral - Rat LD₅₀: >10,000 mg/kg, Practically Nontoxic
Dermal - Rabbit LD₅₀: >5,010 mg/kg, Practically Nontoxic
Eye Irritation - Rabbit: (FHSA) 12.0 on a scale of 110.0, Sl. Irritating
Skin Irritation - Rabbit: (FHSA) 0.0 on a scale of 8.0, Nonirritating

A single large exposure (10,000 mg/kg) by ingestion produced only a slight initial weight loss. Two-year tests in rats and one-year tests in dogs at levels of 10% in the diet produced no adverse effects.

SECTION 12: ECOLOGICAL INFORMATION

This fiber is not biodegradable.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:

Material is not a "hazardous waste" as defined in 40 CFR 261; therefore, disposal is permitted by landfill or by incineration. Comply with local, state and federal regulations.

SECTION 14: TRANSPORT INFORMATION

DOT Label: N/A DOT Hazard Class/ID No.: N/A

U.S Surface Freight Classification: Fiber, Synthetic Staple

TRANSPORTATION:

DOT Not Regulated

This product is not classified as a hazardous material for conveyance under the Carriage of Dangerous Goods (Classification, Packaging and Labelling) and Use of Transportable Pressure Receptacles Regulations or under the European agreement concerning international carriage of goods by road (ADR), rail (RID), or the international agreement for carriage by sea (IMDG) or air (IATA/ICAO).

SECTION 15: REGULATORY INFORMATION

TSCA Status:

All components of this product are listed on the TSCA Inventory or are not required to be listed on the inventory.

SARA Title III Sections 311, 312, 313:

Reactive Hazard:	No
Pressure Hazard:	No
Fire Hazard:	No
Acute/Immediate:	No
Chronic/Delayed:	No

This product does not contain any toxic chemicals listed under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986.

CERCLA Reportable Quantity:

Not Applicable

This product is not a Hazardous Chemical as regulated under OSHA Hazard Communication Standard 29 CFR 1910.1200.

U.S. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated

This product is not regulated in accordance with EC-directives or respective national laws.

Canadian WHMIS Classification:

Not Regulated

SECTION 16: OTHER INFORMATION

Previous Revision: Sep 2017 Current Revision: May 2019

If you have any questions regarding the information contained in this SDS, please call 815-964-8619.

This information relates to the particular product described and is the best available data possessed by Cellusuede Products on the subject. This data may not be relevant to any end use product that combines other substances with this product. It is the User's responsibility to determine the accuracy and completeness of this information in the context of its own business purposes.

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