



ISO 9001:2008
File #10002028

Cellusuede Products, Inc.

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product Name: Rayon Fiber

Manufacturer: Cellusuede Products, Inc.

Address: P.O. Box 716, Rockford IL 61105 Telephone: 815-964-8619

Recommended Use: Decorative and functional applications

SECTION 2: HAZARD(S) INFORMATION

This material is not hazardous as defined by the Occupational Safety and Health Administration's Hazard Communication Standard (29 CFR 1910.1200) dated August 24, 1992.

SARA Hazard Notification:

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

SECTION 3: COMPOSITION/INGREDIENT INFORMATION

Chemical Name and Synonyms: Regenerated Cellulose, Rayon

Material	CAS No.	%
Viscose Rayon	68442-85-3	87-90%
Titanium Dioxide (if present)	13463-67-7	<1%
Carbon Black (if present)	1333-86-4	2-3%
Water, absorbed	7732-18-5	9-10%

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

EYE 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.

SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT:	None, but will burn.
AUTOIGNITION TEMPERATURE:	~400°C (750°F)
FLAMMABLE LIMITS (% BY VOLUME):	LEL: N/A UEL: N/A
EXTINGUISHING MEDIA:	Water spray, dry chemical, foam, carbon dioxide or halon

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): 1.48-1.54 @ 20/20°C
VAPOR PRESSURE: N/A COLOR: Clear, white or black
MELTING POINT: Chars DECOMPOSITION TEMP: 175-205°C (350-400°F)

SOLUBILITY: Not soluble in most solvents, including water, alcohol, xylene, benzene, acetone. Soluble in cuprammonium hydroxide solution.

SECTION 10: STABILITY AND REACTIVITY

STABILITY:
Unstable: _____ Stable: X

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

HAZARDOUS POLYMERIZATION:
Will occur: _____ Will not occur: X

SECTION 11: TOXICOLOGICAL INFORMATION

SIGNS AND SYMPTOMS OF EXPOSURE:
No significant health effects have been reported in the processing and use of rayon fibers. Mechanical irritation effects from dust exposure are possible at ambient temperature.

PRIMARY ROUTES OF EXPOSURE: EXPOSURE LIMITS:

Polyethylene Terephthalate

Skin Contact	OSHA PEL:	None established
TWA inhalation	ACGIH TLV (1986-87):	None established

SECTION 12: ECOLOGICAL INFORMATION

This fiber is 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
IMDG Not Regulated
IATA Not Regulated

SECTION 15: REGULATORY INFORMATION

TSCA Status:

All components of this product are listed on the TSCA 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.

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: Oct 2011 Current Revision: SEP 2014

If you have any questions regarding the information contained in this MSDS, 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 which 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 purpose.

CELLUSUEDE PRODUCTS MAKES NO REPRESENTATIONS OR WARRANTIES AS TO THE ACCURACY OR COMPLETENESS OF THIS INFORMATION, AND CELLUSUEDE PRODUCTS ASSUMES NO RESPONSIBILITY WHATSOEVER IN CONNECTION WITH THE USE OF SUCH INFORMATION BY THE USER.