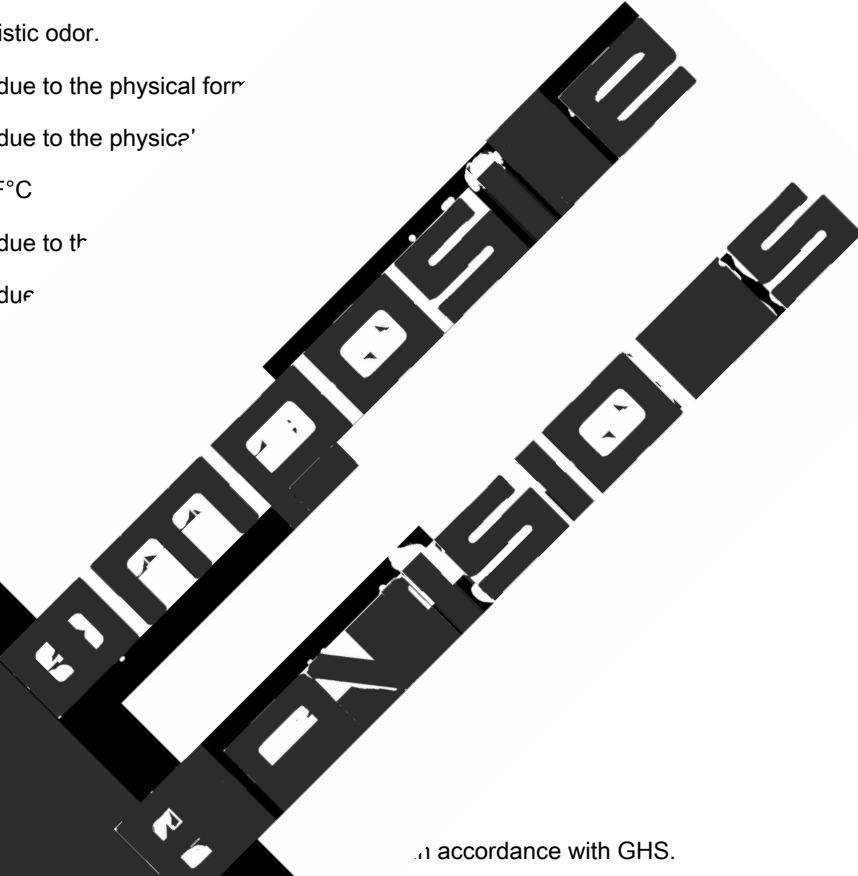
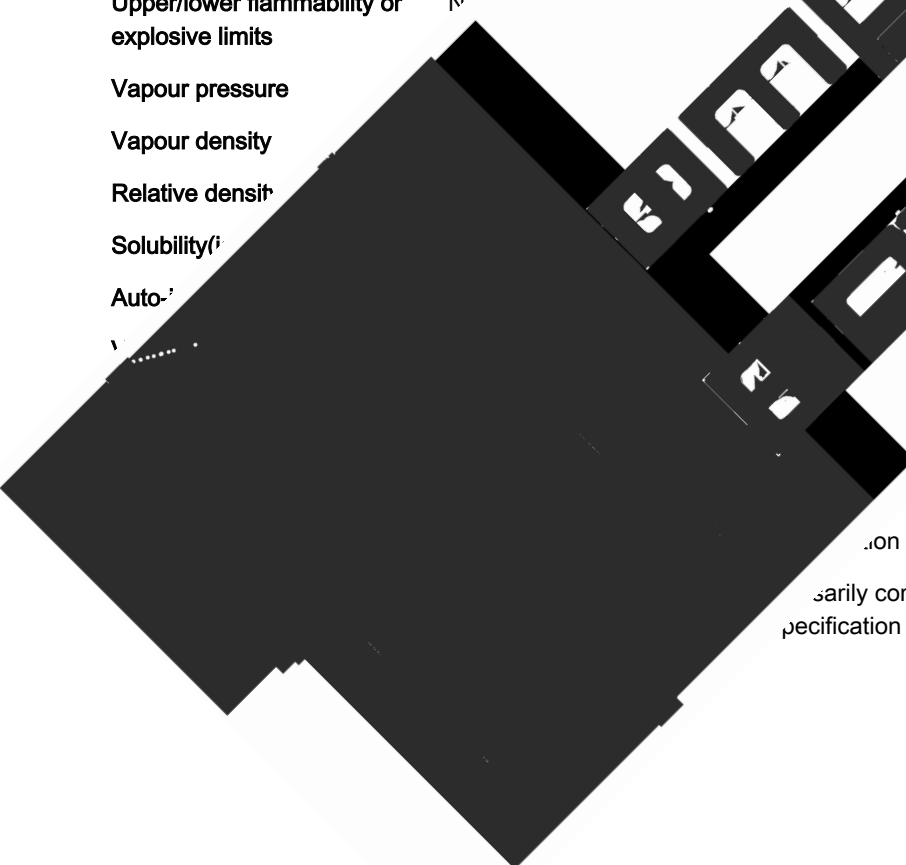


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9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	White fibers woven into fabrics of varying weight, width with a finish applied.	depending on the style,
Color	White.	
Odor	No characteristic odor.	
Odor threshold	Not relevant due to the physical form	
pH	Not relevant due to the physical form	
Melting point	700C / 1292F°C	
Initial boiling point and range	Not relevant due to the physical form	
Flash point	Not relevant due to the physical form	
Evaporation rate	Not relevant due to the physical form	
Evaporation factor	Not relevant due to the physical form	
Upper/lower flammability or explosive limits	Not relevant due to the physical form	
Vapour pressure	Not relevant due to the physical form	
Vapour density	Not relevant due to the physical form	
Relative density	Not relevant due to the physical form	
Solubility	Not relevant due to the physical form	
Auto-ignition	Not relevant due to the physical form	



...in accordance with GHS.
...ive in accordance with GHS.

...on as oxidizing.
...sarily correspond to the product specification. Please refer
...pecification data.

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10. Stability and reactivity

Stability	Stable at normal ambient temperatures and when used as recommended.
Possibility of hazardous reactions	Not relevant.
Conditions to avoid	Avoid heat, flames and other sources of ignition.
Materials to avoid	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
Hazardous decomposition products	Does not decompose when used and stored as recommended. In an emergency situation leading to elevated temperature, there may be release of toxic gases and vapours. The products of combustion and decomposition will depend on other materials present in the fire and the actual conditions of the fire.

11. Toxicological information

Information on toxicological effects

Toxicological effects	Continuous filament fiber is listed by the International Agency for Research on Cancer (IARC) as a group 3 (not classifiable as a human carcinogen).
<u>Carcinogenicity</u>	
IARC carcinogenicity	IARC Group 3 Not classifiable as to its carcinogenicity to humans.
Inhalation	May cause respiratory system irritation.
Ingestion	None expected under normal conditions of use. Ingestion is not an expected route of industrial exposure.
Skin Contact	Contact may cause mechanical irritation, skin redness, itching and drying of the skin. Prolonged or repeated contact may cause allergic skin reaction, dermatitis and possible sensitization.
Eye contact	May cause mechanical irritation.
Medical considerations	Preexisting eye, skin or respiratory disorders may be aggravated by exposure to this product.

12. Ecological Information

Ecotoxicity	No ecological data has been determined on the total product.
<u>Toxicity</u>	
Toxicity	Not regarded as dangerous for the environment.
<u>Persistence and degradability</u>	
Persistence and degradability	Not relevant due to the physical form of this product.
<u>Bioaccumulative potential</u>	
Bio-Accumulative Potential	Not relevant due to the physical form of this product.
<u>Mobility in soil</u>	
Mobility	Not relevant due to the physical form of this product.

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13. Disposal considerations

Waste treatment methods

General information

Materials for disposal should be placed in appropriate sealed containers to avoid potential human and environmental exposure. It is the responsibility of the generator to comply with all federal, state, provincial and local laws and regulations. We recommend that you contact an appropriate waste disposal contractor and environmental agency for relevant laws and regulations. Under the U.S., Resource Conservation and Recovery Act (RCRA), it is the responsibility of the user of the product to determine at the time of disposal, whether the product meets relevant waste classification and to assure proper disposal.

Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

14. Transport information

General

Not regulated.

UN Number

This product is not dangerous to transport.

UN proper shipping name

This product is not dangerous to transport.

Transport hazard class(es)

This product is not dangerous to transport.

Packing group

This product is not dangerous to transport.

Environmental hazards

Environmentally Hazardous Substance

No.

Special precautions for user

This product is not dangerous to transport.

15. Regulatory information

SNUR

Not Applicable

US Federal Regulations

SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities

Not listed.

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)

Not listed.

SARA Extremely Hazardous Substances EPCRA Reportable Quantities

Not listed.

SARA 313 Emission Reporting

Not listed

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RCRA

RCRA Information: Currently, the product is not listed in the federal hazardous waste regulation 40 CFR, Part 261.33, paragraphs (E) or (F), ie. chemical products that are considered hazardous if they become waste. State or local hazardous waste regulations may also apply if they are different from the federal regulation. It is the responsibility of the user of the product to determine at the time of disposal, whether the product meets relevant waste classification and to assure proper disposal.

SARA (311/312) Hazard Categories

None.

US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins

This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

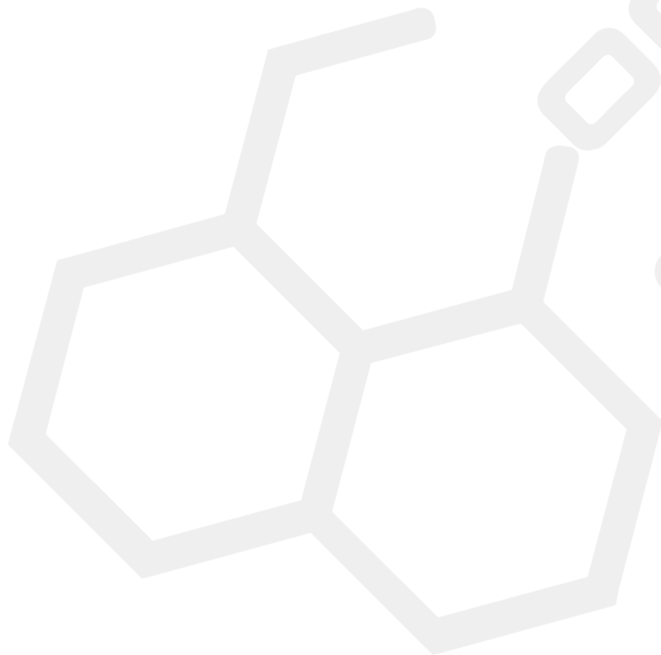
Inventories

US - TSCA

This product is an article as defined by TSCA and is not required to be listed in the TSCA inventory.

US - TSCA 12(b) Export Notification

Not listed.



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16. Other information

Abbreviations and acronyms used in the safety data sheet ACGIH American Conference of Industrial Hygienists ATE Acute Toxicity Estimate CAS# Chemical Abstracts Service Number CERCLA Comprehensive Environmental Response, Compensation, and Liability Act DOT Department of Transportation EmS Emergency Response Procedures for Ships Carrying Dangerous Goods EPA Environmental Protection Agency GHS Global Harmonized System HMIS Hazardous Materials Identification System, IATA International Air Transport Association ICAO International Civil Aviation Organization IMDG International Maritime Dangerous Goods Kow Octanol-water partition coefficient LC50 Lethal concentration to 50% of a test population LD50 Lethal dose to 50% of a test population n.o.s. Not otherwise specified OSHA Occupational Safety and Health Administration PBT Persistent, Bioaccumulative and Toxic substance PNEC Predicted No Effect Concentration PPE Personal Protection Equipment RCRA Resource Conservation and Recovery Act SADT Self-accelerating decomposition temperature SARA Superfund Admendments and Reauthorization Act STOT Specific Target Organ Toxicity (STOT) RE Repeated Exposure (STOT) SE Single Exposure TSCA Toxic Substance Control Act UN United Nations VOC Volatile Organic Compound WHMIS Workplace Hazardous Materials Information System

Issued by U.S.A. Product Stewardship department

Revision date 5/1/2015

Revision 0

Hazard statements in full USH01 May form combustible dust concentrations in air

ACA HMIS Health rating. Slight hazard. (1)

ACA HMIS Physical hazard rating. Normally stable. (0)

ACA HMIS Personal protection rating. F

ACA HMIS Flammability rating. Will not burn. (0)

Wherever such words or phrases as "hazardous," "toxic," "carcinogen," etc. appear herein, they are used as a defined or described under state employee right-to-know laws, Federal OSHA laws or the direct sources for these laws such as the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP), etc. The use of such words or phrases should not be taken to mean that we deem or imply any substance or exposure to be toxic, hazardous or otherwise harmful. Any exposure can only be understood within the entire context of its occurrence, which includes such factors as the substance's characteristics as defined in the SDS, amount and duration of exposures, other chemicals present and preexisting individual differences in response to the exposure. The data provided in this SDS is based on the information received from our raw material suppliers and other sources believed to be reliable. We are supplying you this data solely in compliance with the Federal OSHA Hazard Communication Standard, 29 CFR 1910.1200 and the Federal and State laws as described in Section 15: Regulatory Information. The information contained in this SDS is proprietary and confidential to Hexcel Corporation. This SDS and the information in it are not to be used for purposes other than compliance with the Federal OSHA Hazard Communication Standard. If you have received this SDS from any other source than Hexcel Corporation or its authorized agent, the information contained in it may have been modified from the original document and it may not be the most current revision. Liability, if any, for use of this product is limited to the terms contained in our sale terms and conditions. We do not in any way warrant (expressed or implied, including any implied warranty for merchantability or fitness for a particular purpose) the data contained or the product described in this SDS. Additionally, we do not warrant that the product will not infringe any patent or other proprietary or property rights of others.