

# **Safe Use Instruction Sheet**

ontinuous filam	Chen Conta Albio Date	our Emergency T ntrec: 1-800-424- act number durin n Plant: 1-(585)- of Expiry: Septe ients	9300 ng business h 589-4401	ours
Information ontinuous filam chanical proces  Wt. %  ~59.1  ~8.3  ~19.5	Chen Conta Albio Date  n on Ingred nent fibers ssing of the pro LD50	ntrec: 1-800-424- act number during Plant: 1-(585)-3 of Expiry: September Se	OSHA PEL  15 mg/m³ total dust 5mg/m³ respirable HSPP Voluntary: 1 fiber/cm³ See section 16 for definition of respirable	NIOSH REI  15 mg/m³ total dust 5mg/m³ respirable HSPP Voluntary: 1 fiber/cm³ See section 16 for definition of respirable
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~19.5		definition of respirable	definition of respirable	definition of respirable
~19.5				
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2003	OFNOV OV			
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fication				
		n dust is generated		
Products that are composed of glass filaments are above 3µm in diamete and consequently do not reach the lower respiratory tract and therefore have no possibility of causing serious pulmonary disease. These products are no classified as hazardous according to Occupational Safety and Health Administration' (OSHA) Hazard Communication Standard, 29 CFR1910 Mechanical irritation (itching), or allergies (extremely rare), may be produced by dust generated on product processing.				
Prolonged contact may cause mild irritation and itching.				
Ingestion may cause temporary irritation of the digestive tract. If symptom develop consult a physician.				
ures				
Glass fibers may cause mechanical irritation to the mouth, nose and throat.				
Flush with warm running water for 15 min. Do not rub. If irritation persists,				
Wash with mild soap and running water. Use a washcloth to help remove				
	ion persists, co	nisuit a privsiciani.		
	Ingestion may develop constitutes  Glass fibers mage Remove the part of Flush with wa consult a physical wash with miles.	Ingestion may cause tempo develop consult a physician.  Ures  Glass fibers may cause mec Remove the person to fresh Flush with warm running wat consult a physician.  Wash with mild soap and rur	Ingestion may cause temporary irritation of the develop consult a physician.  Ures  Glass fibers may cause mechanical irritation to Remove the person to fresh air.  Flush with warm running water for 15 min. Do n consult a physician.  Wash with mild soap and running water. Use a second	Ingestion may cause temporary irritation of the digestive tract. develop consult a physician.  Ures  Glass fibers may cause mechanical irritation to the mouth, nose Remove the person to fresh air.  Flush with warm running water for 15 min. Do not rub. If irritation consult a physician.

No special instructions



NOTE TO PHYSICIAN:

and could release some hazardous gases. Thermal decomposition of fab coating may cause irritating smoke and fumes.  FIRE FIGHTING EQUIPMENT:  Fire fighter should wear appropriate protective equipment including NIO approved respirators.  Section 6. Accidental Release Measures  Spills should be cleaned up with a vacuum or by a wet sweeping technique Do not use compressed air. In case of dusty environment, avoid contact with the skin and the eyes. See chapter 8 for other instructions. HEPA filter recommended.  Section 7. Handling and Storage  It is preferable to avoid prolonged contact with the skin: wear the protective equipment as indicated in the chapter 8. Respect the stacking procedure recommended for each type of product. Store away from excessive humin to prevent damage to the product and to the packing materials which coulead to storage safety problems. Store in a well-ventilated area and keep away from direct sunbeam.  Section 8. Exposure Controls / Personal Protective Equipment  Ventilation:  Mechanical ventilation recommended for process machinery where dust generation is expected.  Where dust levels exceed the TLV, use an NIOSH approved respirator and PPE against nuisance dusts.  SKIN PROTECTION:  Wear protective cotton gloves  EYE PROTECTION:  Wear safety glasses, to minimize eye contact during cutting operations.  EXPOSURE GUIDELINE (S):  Avoid generating dusts and if PEL is exceeded use PPE, barrier creams suitable clothing to avoid nuisance dusts.  Section 9. Physical and Chemical Properties  APPEARANCE  Glass Yam Scrim with Coating and Adhesive  BOILING POINT  N/A  SPECIFIC GRAVITY  N/A  Wellond RIVING N/A  VAPOR PRESSURE  A) (A) (A)  VAPOR PRESSURE  A) (A) (A)  Welcolatile  NON Volatile  Non Volatile						
FLASH POINT: N/A N/A LOWER FLAMMABLE IMITS: N/A N/A N/A UPPER FLAMMABLE: N/A Water, water spray, foam, carbon dioxide, dry chemical FIRE & EXPLOSION HAZARDS:  In case of fire, glass filaments are not flammable, are incombustible and support combustion. Only the packaging (plastic film, paper, cardboard, wood) and the small amounts of size or binder/PVC coating are combusted and could release some hazardous gases. Thermal decomposition of fab coating may cause irritating smoke and furnes.  FIRE FIGHTING EQUIPMENT: Fire fighters should wear appropriate protective equipment including NIO approved respirators.  Section 6. Accidental Release Measures  Spills should be cleaned up with a vacuum or by a wet sweeping technique Do not use compressed air. In case of dusty environment, avoid contact the skin and the eyes. See chapter 8 for other instructions. HEPA filter recommended.  Section 7. Handling and Storage It is preferable to avoid prolonged contact with the skin: wear the protective equipment as indicated in the chapter 8. Respect the stacking procedure recommended for each type of product. Store away from excessive humis to prevent damage to the product and to the packing materials which coulead to storages agety problems. Store in a well-ventilated area and keep away from direct sunbeam.  Section 8. Exposure Controls / Personal Protective Equipment  VENTILATION:  Mechanical ventilation recommended for process machinery where dust generation is expected.  Where dust levels exceed the TLV, use an NIOSH approved respirator and pPE against nuisance dusts.  Section 9. Physical and Chemical Properties  APPEARANCE  Class Yarn Scrim with Coating and Adhesive  BOILING POINT  N/A  SOLUBILITY IN WATER  Adhesive is soluble  EVAPORATION RATE  N/A  SPECIFIC GRAVITY  SOLUBILITY IN WATER  Adhesive is soluble  EVAPORATION RATE  N/A  VAPOR PRESSURE  C.0. 1mm Hg  N/A  N/A  N/A  N/A  N/A  N/BECIFIC GRAVITY  N/A  N/A  N/A  N/A  N/A  N/A  N/A  N/	Section 5. Firefighting Information					
FLAMMABLE LIMITS: N/A   UPPER FLAMMABLE: N/A		<u> </u>	METHOD USED: N	/Λ		
LOWER FLAMMABLE: N/A   UPPER FLAMMABLE: N/A   Water, water spray, foam, carbon dioxide, dry chemical FIRE & EXPLOSION   N/A   N/A			INCTITOD COLD.			
EXTINGUISHING MEDIA:    Water, water spray, foam, carbon dioxide, dry chemical   FIRE & EXPLOSION HAZARDS:		1,41.1				
FIRE FIGHTING INSTRUCTIONS:  In case of fire, glass filaments are not flammable, are incombustible and support combustion. Only the packaging (plastic film, paper, cardboard, wood) and the small amounts of size or binder/PVC coating are combustion and could release some hazardous gases. Thermal decomposition of fab coating may cause irritating smoke and fumes.  FIRE FIGHTING EQUIPMENT:  FIRE FIGHTING EQUIPMENT:  Fire fighters should wear appropriate protective equipment including NIO approved respirators.  Section 6. Accidental Release Measures  Spills should be cleaned up with a vacuum or by a wet sweeping technique Do not use compressed air. In case of dusty environment, avoid contact the skin and the eyes. See chapter 8 for other instructions. HEPA filter recommended.  Section 7. Handling and Storage  It is preferable to avoid prolonged contact with the skin: wear the protective equipment as indicated in the chapter 8. Respect the stacking procedure recommended for each type of product. Store away from excessive humit to prevent damage to the product and to the packing materials which coulead to storage safety problems. Store in a well-ventilated area and keep away from direct sunbeam.  Section 8. Exposure Controls / Personal Protective Equipment  Wentilation:  Wentilation:  Wear protective cotton gloves  EYE PROTECTION:  Wear safety glasses, to minimize eye contact during cutting operations.  Avoid generating dusts and if PEL is exceeded use PPE, barrier creams: suitable clothing to avoid nuisance dusts.  Section 9. Physical and Chemical Properties  APPEARANCE  Glass Yarn Scrim with Coating and Adhesive is soluble evaporation is exposure equipment.  N/A  Solubility in Water  Adhesive is soluble evaporation in the properties of the protective equipment.  Solid generating and Scrim with Coating and Adhesive is soluble.  PAPEARANCE  Glass Yarn Scrim with Coating and Adhesive is soluble.  PAPEARANCE  Glass Yarn Scrim with Coating and Adhesive is soluble.  PAPEARANCE  Glass Yarn Scrim with Coating and Adhesive i						
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FIRE FIGHTING INSTRUCTIONS:  support combustion. Only the packaging (plastic film, paper, cardboard, wood) and the small amounts of size or binder/PVC coating are combust and could release some hazardous gases. Thermal decomposition of fab coating may cause irritating smoke and fumes.  FIRE FIGHTING EQUIPMENT:  FIRE FIGHTING EQUIPMENT:  FIRE FIGHTING EQUIPMENT:  Section 6. Accidental Release Measures  Spills should be cleaned up with a vacuum or by a wet sweeping technique. Do not use compressed air. In case of dusty environment, avoid contact the skin and the eyes. See chapter 8 for other instructions. HEPA filter recommended.  Section 7. Handling and Storage  It is preferable to avoid prolonged contact with the skin: wear the protective equipment as indicated in the chapter 8. Respect the stacking procedure recommended for each type of product. Store away from excessive humin to prevent damage to the product and to the packing materials which coulead to storage safety problems. Store in a well-ventilated area and keep away from direct sunbeam.  Section 8. Exposure Controls / Personal Protective Equipment  VENTILATION:  Mechanical ventilation recommended for process machinery where dust generation is expected.  Where dust levels exceed the TLV, use an NIOSH approved respirator at PPE against nuisance dusts.  SKIN PROTECTION:  Wear protective cotton gloves  EYE PROTECTION:  EYEP ROTECTION:  Wear safety glasses, to minimize eye contact during cutting operations.  Avoid generating dusts and if PEL is exceeded use PPE, barrier creams: suitable clothing to avoid nuisance dusts.  Section 9. Physical and Chemical Properties  APPE ARANCE  Glass Yam Scrim with Coating and Adhesive  BOILING POINT  N/A  SPECIFIC GRAVITY  N/A  WAPOR DENSITY  N/A  MOLECULAR WEIGHT  N/A  VAPOR PRESSURE  <0.1mm Hg  MOLECULAR WEIGHT  N/A  NON VOIATILE  NON VOIATILE  NON VOIATILE  NON VOIATILE	HAZARDS:					
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RESPIRATORY PROTECTION:  RESPIRATORY PROTECTION:  Where dust levels exceed the TLV, use an NIOSH approved respirator at PPE against nuisance dusts.  SKIN PROTECTION:  Wear protective cotton gloves  EYE PROTECTION:  Wear safety glasses, to minimize eye contact during cutting operations.  Avoid generating dusts and if PEL is exceeded use PPE, barrier creams suitable clothing to avoid nuisance dusts.  Section 9. Physical and Chemical Properties  APPEARANCE  Glass Yarn Scrim with Coating and Adhesive  BOILING POINT  N/A  SOLUBILITY IN WATER  Adhesive is soluble  EVAPORATION RATE  N/A  SPECIFIC GRAVITY  2.5 (water = 1)  FREEZING POINT  N/A  VAPOR DENSITY  N/A  MELTING POINT  N/A  VAPOR PRESSURE  <0.1 mm Hg  MOLECULAR WEIGHT  N/A  VISCOSITY  N/A  NON Volatile	Section 6. Exposure			maahinamuuhara duat		
PPE against nuisance dusts.  SKIN PROTECTION:  Wear protective cotton gloves  EYE PROTECTION:  Wear safety glasses, to minimize eye contact during cutting operations.  Avoid generating dusts and if PEL is exceeded use PPE, barrier creams suitable clothing to avoid nuisance dusts.  Section 9. Physical and Chemical Properties  APPEARANCE  Glass Yarn Scrim with Coating and Adhesive  BOILING POINT  N/A  BOILING POINT  N/A  SPECIFIC GRAVITY  Adhesive is soluble  EVAPORATION RATE  N/A  WAPOR DENSITY  N/A  MELTING POINT  N/A  VAPOR PRESSURE  OLUBICATION HIGH  VAPOR PRESSURE  OLUBICATION HIGH  N/A  VAPOR PRESSURE  OLUBICATION HIGH  VAPOR PRESSURE  OLUBICATION HIGH  N/A  VAPOR PRESSURE  OLUBICATION HIGH  N/A  VAPOR PRESSURE  N/A  N/A  N/A  VISCOSITY  N/A  N/A  N/A  N/A  N/A  N/A  N/A  N/	VENTILATION:	generation is expecte	d.	<u> </u>		
EXPOSURE GUIDELINE (S):  Avoid generating dusts and if PEL is exceeded use PPE, barrier creams suitable clothing to avoid nuisance dusts.  Section 9. Physical and Chemical Properties  APPEARANCE  Glass Yarn Scrim with Coating and Adhesive  BOILING POINT  N/A  EVAPORATION RATE  N/A  MELTING POINT  N/A  MOLECULAR WEIGHT  N/A  Wear safety glasses, to minimize eye contact during cutting operations.  Avoid generating dusts and if PEL is exceeded use PPE, barrier creams suitable dusts.  Solid  PHYSICAL STATE  Solid  SOLUBILITY IN WATER  Adhesive is soluble 2.5 (water = 1)  N/A  VAPOR DENSITY  N/A  VAPOR PRESSURE  <0.1 mm Hg  MOLECULAR WEIGHT  N/A  VISCOSITY  N/A  NON VOLATILE  Non Volatile		PPE against nuisance		l approved respirator and		
Avoid generating dusts and if PEL is exceeded use PPE, barrier creams suitable clothing to avoid nuisance dusts.  Section 9. Physical and Chemical Properties  APPEARANCE  Glass Yarn Scrim with Coating and Adhesive  BOILING POINT  N/A  EVAPORATION RATE  N/A  MELTING POINT  N/A  MOLECULAR WEIGHT  N/A  Avoid generating dusts and if PEL is exceeded use PPE, barrier creams a suitable dusts.  Solid  PHYSICAL STATE  Solid  SOLUBILITY IN WATER  Adhesive is soluble 2.5 (water = 1)  N/A  VAPOR DENSITY  N/A  VAPOR PRESSURE  <0.1 mm Hg  MOLECULAR WEIGHT  N/A  VISCOSITY  N/A  NON VOLATILE  Non Volatile						
Section 9. Physical and Chemical Properties  APPEARANCE  Glass Yarn Scrim with Coating and Adhesive  BOILING POINT  N/A  EVAPORATION RATE  N/A  MELTING POINT  N/A  MOLECULAR WEIGHT  N/A  Suitable clothing to avoid nuisance dusts.  PHYSICAL STATE  Solid  SOLUBILITY IN WATER  Adhesive is soluble  SPECIFIC GRAVITY  VAPOR DENSITY  N/A  VAPOR PRESSURE  <0.1 mm Hg  N/A  VISCOSITY  N/A  N/A  NODOR  N/A  WOLATILE  NON Volatile	EYE PROTECTION:					
Section 9. Physical and Chemical Properties         APPEARANCE       Glass Yarn Scrim with Coating and Adhesive       PHYSICAL STATE       Solid         BOILING POINT       N/A       SOLUBILITY IN WATER       Adhesive is soluble         EVAPORATION RATE       N/A       SPECIFIC GRAVITY       2.5 (water = 1)         FREEZING POINT       N/A       VAPOR DENSITY       N/A         MELTING POINT       N/A       VAPOR PRESSURE       <0.1mm Hg         MOLECULAR WEIGHT       N/A       VISCOSITY       N/A         ODOR       N/A       % VOLATILE       Non Volatile	EXPOSURE GUIDELINE (S):			e PPE, barrier creams and		
APPEARANCE  Glass Yarn Scrim with Coating and Adhesive  BOILING POINT  N/A  EVAPORATION RATE  N/A  FREEZING POINT  N/A  MELTING POINT  N/A  MOLECULAR WEIGHT  N/A  N/A  Class Yarn Scrim with Coating and Adhesive  SOLUBILITY IN WATER  Adhesive is soluble  SPECIFIC GRAVITY  VAPOR DENSITY  N/A  VAPOR PRESSURE  VAPOR PRESSURE  VAPOR PRESSURE  N/A  VISCOSITY  N/A  NODOR  N/A  NODOR	Canada distining to arola malauno adoto.					
APPEARANCE  Glass Yarn Scrim with Coating and Adhesive  BOILING POINT  N/A  EVAPORATION RATE  N/A  FREEZING POINT  N/A  MELTING POINT  N/A  MOLECULAR WEIGHT  N/A  Class Yarn Scrim with Coating and Adhesive  SOLUBILITY IN WATER  Adhesive is soluble  SPECIFIC GRAVITY  VAPOR DENSITY  N/A  VAPOR PRESSURE  <0.1mm Hg  N/A  VISCOSITY  N/A  NODOR  N/A  WOLATILE  NON Volatile	Section 9. Physical a	nd Chemical Propert	ies			
BOILING POINT         N/A         SOLUBILITY IN WATER         Adhesive is soluble           EVAPORATION RATE         N/A         SPECIFIC GRAVITY         2.5 (water = 1)           FREEZING POINT         N/A         VAPOR DENSITY         N/A           MELTING POINT         N/A         VAPOR PRESSURE         <0.1mm Hg           MOLECULAR WEIGHT         N/A         VISCOSITY         N/A           ODOR         N/A         % VOLATILE         Non Volatile	•	Glass Yarn Scrim with		Colid		
EVAPORATION RATE         N/A         SPECIFIC GRAVITY         2.5 (water = 1)           FREEZING POINT         N/A         VAPOR DENSITY         N/A           MELTING POINT         N/A         VAPOR PRESSURE         <0.1mm Hg           MOLECULAR WEIGHT         N/A         VISCOSITY         N/A           ODOR         N/A         % VOLATILE         Non Volatile	AFFEARANGE					
FREEZING POINT         N/A         VAPOR DENSITY         N/A           MELTING POINT         N/A         VAPOR PRESSURE         <0.1mm Hg           MOLECULAR WEIGHT         N/A         VISCOSITY         N/A           ODOR         N/A         % VOLATILE         Non Volatile						
MELTING POINT         N/A         VAPOR PRESSURE         <0.1mm Hg						
MOLECULAR WEIGHT         N/A         VISCOSITY         N/A           ODOR         N/A         % VOLATILE         Non Volatile						
ODOR N/A % VOLATILE Non Volatile						
1.7.1						
	pH		% VOLATILE STATIC CHARGE			
pH N/A STATIC CHARGE Can build Static Cha	Can build Static Charge					
Section 10. Stability and Reactivity	Section 10 Stability	and Reactivity				
CHEMICAL STABILITY: Stable  INCOMPATIBILITY: Avoid strong oxidizers, water			Stable Avoid strong exidizors, water			
HAZARDOUS DECOMPOSITION PRODUCTS:  AVOID Strong Oxidizers, water  CO, CO <sub>2</sub> , Hydrocarbons, Oxides of Nitrogen	HAZARDOUS DECOMPOSIT	ION				
HAZARDOUS POLYMERIZATION: Does not occur.		TION: Does not occur.				



# Section 11. Toxicological Information and Chronic Exposure

## **ACUTE TOXICITY:**

**Not Relevant** 

### LOCALISED EFFECTS:

Possible temporary irritations

This irritation is of a purely mechanical and temporary nature. It disappears when exposure is ended. It can affect the skin, the eyes and the upper respiratory tracts. In Europe, mechanical irritation is not considered to be a health hazard within the terms of European directives 67/548/EEC for hazardous products. This is confirmed by the fact that EC Directive 97/69/EC for mineral fibers does not stipulate the need to use an Xi (irritant) label nor a classification for continuous glass filaments.

## SENSITISATION:

Some allergies to continuous glass filaments have been declared.

### LONG TERM TOXICITY:

Continuous glass filaments are not respirable (i.e. do not penetrate the lung alveoli). This is because filaments are above 3µm in diameter.

#### REGULATORY

Following the IARC conclusion, glass filaments are not classified as to their carcinogenicity. They belong to the Group 3 of IARC. This classification has been confirmed by the IARC Working Group during his meeting of October 2001 and in the latest issue of the IARC monographs on the evaluation of carcinogenic risks to humans, volume 81 on Man-made vitreous fibres, published in 2002.

The International Labor Office (ILO) and the CSIP (Chemical Safety International Program) came to the same conclusions in a congress held in 1987.

European Commission Directive 97/69/EC dated 5/12/97, the 23rd amendment to Directive 67/548/EEC which concerns classification, packing and labelling of hazardous substances did not think it necessary to include glass filaments as having carcinogenic risks.

OSHA (Occupational Safety and Health Administration) and NTP (U.S. National Toxicology Program), official American organizations, have not listed glass filaments products as hazardous substances and the ACGIH (American Conference of Governmental Industrial Hygienists) has classified them as A4 (not classified as carcinogenic for Man). They are not concerned by the Canadian Controlled Products regulations (CPR).

# MUTAGENIC RISKS, TERATOGENIC RISKS, RISKS FOR REPRODUCTION: No known risks.

Certain substances being a part of components for applied binders and coatings as specified in the chapter "3 – Composition" have specific toxicity. See relevant documents and standards for further information on their regulatory classification and scientific evaluation..

Section	12.	Ecolog	gical	Inf	ormati	on
					Į	

ECOTOXICOLOGICAL INFORMATION:	This product is not associated with or expected to cause any harm to fish, plants or animals.
CHEMICAL FATE INFORMATION:	No data available

# Section 13. Disposal Considerations

WASTE DISPOSAL:  Dispose of as dry waste as per local, state / provincial and federal regulations.	

# Section 14. Transport Information (Not meant to be all inclusive)

INTERNATIONAL REGULATIONS:

Glass filament products are not considered as hazardous goods by transport regulations (IMDG, ADR/RID, ICAO/ IATA, DOT, TDG, MEX).

Section 15. Regulatory Informat	- Not meant to be	e all inclusive - selected regulation

WHMIS CLASS:	Not Regulated – Manufactured Article
OSHA STATUS:	This product is not deemed hazardous as defined by OSHA CFR29 part 1910.1200
TSCA STATUS:	This product is manufactured in compliance with TSCA, 15 USC
CERCLA REPORTABLE QUANTITY:	N/A



SARA TITLE III	This product does not contain substance(s) subject to the reporting requirements of section 313 Title III of the SARA 40 CFR, Part 372	
SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES:	N/A	
SECTION 311/312 HAZARDOUS CATEGORIES	N/A	
SECTION 313 TOXIC CHEMICALS:	N/A	
RCRA STATUS:	Landfill is recommended 40 CFR, Part 261	
CANADIAN CONTOLLED PRODUCTS REGULATIONS:	"This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR"	
CALIFORNIA PROPOSITION 65:	This product contains no ingredients subject to proposition 65	

# **Section 16. Other Information**

**SUIS STATUS:** The information presented in this document is true to the best of our knowledge. The precautions listed are to be considered performance guidelines and not a guarantee. We shall not be liable for any damages or loss arising from intentional or accidental misuse of our product. This SDS has been prepared exclusively for this product.

Though an Safety Data Sheet is not required for this product as per the OSHA Hazardous Communication Standard, Saint-Gobain Adfors America, Inc has provided this as a customer courtesy. Misuse of product, using the product under unusual circumstances, or using the product in any way other than is recommended by SG Adfors America, Inc. may affect performance of the product as well as cause safety/ health hazards.

