Safe Use Instruction Sheet (SUIS)

Section 1. Chemical Product and Company Identification

Product Name: GlasPave (all)	**Product Code: GlasPave 25, 50**
Manufacturer's Name: St. Gobain Adfors America, Inc. 14770 East Ave. Albion, New York 14411, U.S.A.	**24 Hour Emergency Telephone Number:** Chemtrec: 1-800-424-9300 **Contact number during business hours** Saint-Gobain: 1-(585)-589-4401
Date Prepared: October 16, 2014	**Date of Expiry: October 16, 2017**

Section 2. Composition / Information on Ingredients

This product is composed of continuous filament fiberglass
Dust may be generated by mechanical processing or abrading of the product.

Component	Wt. %	LD50 LC50	ACGIH TLV*	OSHA PEL	NIOSH REL
Fiber Glass Textile Continuous filament **CAS 65997-17-3**	60-80		10mg/m³ total dust 3mg/m³ respirable Fiber: 1 fiber/cm³	15 mg/m³ total dust 5mg/m³ respirable HSPP Voluntary: 1 fiber/cm³ See section 16 for definition of respirable fibers	5 mg/m³ total dust respirable fibers: 1 fiber/cm³
Acrylic polymer coating	20-40				
Carbon Black **CAS 1333-96-4**	<0.2%			3.5mg/m³	

ACGIH, Table of adopted values, 2003

EMERGENCY OVERVIEW

Section 3. Hazards Identification

Products that are composed of glass filaments are above 3µm in diameter and consequently do not reach the lower respiratory tract and therefore have no possibility of causing serious pulmonary disease. These products are not 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. Under some conditions, these products may release Formaldehyde and other hazardous substances (see Chapter 2 COMPOSITION).

Section 4. First Aid Measures

INHALATION:	Glass fibers may cause mechanical irritation to the mouth, nose and throat. Remove the person to fresh air.
EYE CONTACT:	Flush with warm running water for 15 min. Do not rub. If irritation persists, consult a physician.
SKIN CONTACT:	Wash with mild soap and running water. Use a washcloth to help remove fibers. If irritation persists, consult a physician.
INGESTION:	Unlikely entry route. If symptoms develop consult a physician.
NOTE TO PHYSICIAN:	No special instructions

Section 5. Firefighting Information

FLASH POINT:	Not applicable	**METHOD USED:**	Not applicable
FLAMMABLE LIMITS:	Not applicable		
LOWER FLAMMABLE:	Not applicable	**UPPER FLAMMABLE:**	Not applicable
EXTINGUISHING MEDIA:	Water, water spray, foam, carbon dioxide, dry chemical		
FIRE & EXPLOSION HAZARD	Not applicable		
FIRE FIGHTING INSTRUCTIONS:	Thermal decomposition of fabric coating may cause irritating smoke and fumes.		
FIRE FIGHTING EQUIPMENT:	Fire fighters should wear appropriate protective equipment including NIOSH approved respirators.		
PRODUCT STATUS:	Coating can burn at temperatures exceeding 400F		

Section 6. Accidental Release Measures

SPILL OR LEAK:	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 humidity to prevent damage to the product and to the packing materials which could lead 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.
RESPIRATORY PROTECTION:	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 and suitable clothing to avoid nuisance dusts.

Section 9. Physical and Chemical Properties

APPEARANCE	Black woven fiberglass with dried coating finish.	**PHYSICAL STATE**	Solid
BOILING POINT	Not applicable	**SOLUBILITY IN WATER**	Coating is slightly soluble
EVAPORATION RATE	Not applicable	**SPECIFIC GRAVITY**	2.5 (water = 1)
FREEZING POINT	Not applicable	**VAPOR DENSITY**	Not applicable
MELTING POINT	Not applicable	**VAPOR PRESSURE**	Not applicable
MOLECULAR WEIGHT	Not applicable	**VISCOSITY**	Not applicable
ODOR	Not applicable	**% VOLATILE**	Non Volatile
pH	Not applicable	**STATIC CHARGE**	Can build Static Charge

Section 10. Stability and Reactivity

CHEMICAL STABILITY:	Stable
INCOMPATIBILITY:	Avoid strong oxidizers, water
HAZARDOUS DECOMPOSITION PRODUCTS:	CO, CO_2, Hydrocarbons from fabric coating
HAZARDOUS POLYMERIZATION:	Does not occur.

Section 11. Toxicological Information and Chronic Exposure

11.1 Glass filaments

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.

11.2 - Other components of binders and coatings

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. Ecological Information

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 Information- Not meant to be all inclusive - selected regulation

WHMIS CLASS:	Not Regulated – Manufactured Article
OSHA STATUS:	This product is not deemed hazardous as defined by OSHA 29CFR part 1910.1200
TSCA STATUS:	This product is manufactured in compliance with TSCA, 15 USC
CERCLA REPORTABLE QUANTITY:	Not applicable
SARA TITLE III	This product does 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:	Carbon Black, CAS 1333-96-4
SECTION 311/312 HAZARDOUS CATEGORIES	Carbon Black, Group 2B, possible carcinogen, IARC
SECTION 313 TOXIC CHEMICALS:	Not applicable
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 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 SUIS has been prepared exclusively for this product.