Hesgon

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SAFETY DATA SHEET

1.- Product Identification

Product Name	Fiberglass woven narrow fabrics
Company Information	Hesgon
	3330 East 14th Street
	Brownsville, Texas 78521
Telephone Number	1-956-542-5491
Emergency Phone Number	1-956-542-5491

2.- Hazards Identification

Emergency Overview

Fiberglass may cause mechanical irritation to the skin, eye an upper respiratory tract.

Precautions

Avoid contact with eyes. Avoid contact with skin. Avoid breathing dust. Do not swallow. Do not eat, drink, smoke in work area. Wash thoroughly after handling.

3.- Composition / Information on Ingredients

Components	CAS#	Concentration
Fibrous glass	65-17-3	>95 (typical)
Organic Surface Binder/Sizing	NONE	<5 (typical)

E-glass is composed principally of oxides of silicon, aluminum and calcium, fused in an amorphous vitreous state.

4.- First Aid Measures

Inhalation

Remove from area to fresh air. If symptomatic, contact a poison control center, emergency room or physician for treatment Information

Eyes contact

Remove contact lens and pour a gentle stream of warm water through the affected eye for at least 15 minutes. If irritation persists contact a poison control center, emergency room, or physician as further treatment may be necessary.

Skin contact

Run a gentle stream of water over the affected area for 15 minutes. A mild soap may be used if available. If any symptoms persist, contact a poison control center, , emergency room, or physician as further treatment may be necessary.

Ingestion

Gently wipe or rinse the inside of the mouth with water. Sips of water can be given.

Never give anything by mouth to an unconscious person. Contact a poison control center, , emergency room, or physician for treatment information.

5.- Fire Fighting Measures

Flash point

N/A

Extinguishing media

Use extinguishers appropriate for surrounding fire.

Special firefighting procedures

Fiberglass itself will not support combustion, but in a sustained fire, proper protection against products of combustion from the fuel and sizing binder must be worn.

6.- Accidental Release Measures

Action to be taken if material is released or spilled

Sweep up or gather material and place in proper container for disposal or recovery. Use vacuuming or wet sweeping methods instead of dry sweeping.

7.- Handling and Storage

Precautions to be taken during handling and storage

Store in dry area . Material is not an electrical conductor, and may accumulate static charge

8.- Exposure Controls/Personal Protection

Exposure limits

8-hour Time Weighted Average (TWA); 15-minute Short-Term Exposure Limit (STEL)

OSHA

15 mg/m3TWA. (total dust)

5 mg/m3 (respirable fraction)

ACGIH

5 mg/m3 TWA (inhalable fraction)

1 fiber/cm3 TWA (respirable fraction)

Respiratory protection

If use or application of this product generates dust, use an appropriate NIOSH-approved particulate filter respirator.

Ventilation

Use local exhaustion or general room / dilution ventilation sufficient to maintain employee exposure below the permissible exposure limits.

Eye/face protection

Standard safety glasses with side shields.

Protective gloves

Use gloves to protect against physical irritation or injury if required by handling conditions.

Other protective equipment

Wear clean, body-covering clothing. Good personal hygiene and the use of barrier creams, caps, protective gloves, cotton coveralls or long sleeved loose-fitting clothing will maximize comfort. Vacuum equipment may be used to remove fibers from clothes. Work clothing should be laundered separately from other clothing before reuse.

9.- Physical & Chemical Properties

Boiling point	NA
Vapor Density (Air=1)	Not applicable
Specific Gravity (Water=1)	2.6 – 2.7 (bare glass)
pH	NA
Freezing/Melting Point	>-1400oF (800oC)
Solubility (wt.% in water)	insoluble
Bulk Density (kg/M3)	NA
Volume % Volatile	None
Vapor Pressure	NA
Evaporation Rate	NA
Heat of Solution	NA
Physical State	Solid
Odor	Odorless
Color	White

10.- Stability & Reactivity

Stability

Stable

Hazardous Polymerization

Will not occur

Incompatibility (Conditions/materials to avoid)

None known

Hazardous thermal decomposition/combustion products

Fiberglass will not burn, but smoking of the product may occur at approximately 400 – 500 oF (approximately 200 – 260 oC) due to decomposition of the surface binder. Surface binders may decompose in a fire situation and release carbon monoxide, carbon dioxide and water. Additionally, there are many chemicals that can evolve during any partial decomposition of chemical products. The amounts or identities cannot be predicted and can differ in each situation.

11.- Toxicological Information

Carcinogenicity status

This product is NOT listed as a carcinogen or suspected carcinogen by NTP, IARC., or OSHA

Medical conditions aggravated

None known

Effects of overexposure

ACUTE

Eye: Dusts from this product may cause temporary mechanical irritation to the eyes

Skin: Dusts from this product may cause temporary mechanical irritation to the skin

Inhalation: Dusts from this product may cause temporary mechanical irritation of the nose, throat and respiratory tract.

Ingestion: Although ingestion of this product is not likely to occur in industrial applications, accidental ingestion may cause irritation to the mouth and gastrointestinal tract.

CHRONIC

There are not known health effects from the long-term use or contact with no respirable continuous filament fibers. No respirable fibers cannot reach the deep lung because they have a diameter of greater than 3.5 micrometers.

Fibers of this diameter cannot penetrate the narrow, bending passages of human respiratory tract to reach the lower regions of the lung and thus, have no possibility of causing serious pulmonary damage. Instead, they deposit on the surfaces of the upper respiratory tract, nose, or pharynx. These fibers are then cleared through normal physiological mechanisms.

12.- Ecological Information

Eco toxicological information

Fiberglass is generally considered to be an inert solid waste. No special precautions are needed in case of a release or spill.

Environmental fate

No data at this time.

13.- Disposal Considerations

Disposal instructions

Waste material must be disposed of in accordance with federal, state, provincial and local environmental control regulations.

14.- Transport Information

Proper Shipping Name

Not regulated

15.- Regulatory Information

USA TSCA: This product is considered an article and is exempt from TSCA requirements

SARA TITLE III

SARA (311. 312) Hazard Class	NA
SARA (313) Chemicals	Not listed
SARA Extremely Hazardous Substance	Not listed
CERCLA Hazardous Substance	Not listed

16.- Other Information

These products don not contain, nor are manufactures with, Class 1 or Class II Ozone-Depleting Chemicals (CFCs) identified in the Clean Air Act Amendment, 1990 List of Ozone Depleting Chemicals.

Revision Date

August 02, 2016

May 21, 2015

September 27, 2012

May 10, 2009

Disclaimer:

The information on this Material Safety Data Sheet was prepared based on the information provided by the raw material manufacturers. No representation, warranty or guarantee is made to its accuracy, reliability or completeness. Each user is responsible for satisfying itself as to the suitability of such information for its own particular use; therefore additional precautions may be required.