

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product form : Mixture  
Product name : Fiberglass Reinforced Polyester Laminate  
Product code : 101  
Other means of identification : Gilliner™; Gilliner™ 1066 Laminate (S, T); Gillfab™ 1075B Laminate; Gilliner™ 1076 Laminate (A, B, R); Gillfab™ 1100 Laminate (G); Gilliner™ 1166 Laminate (T); Gilliner™ 1266 Laminate; Gilliner™ 1366 Laminate (A, T); Gilliner™ 0990C Grey; Gilliner™ 0990C Tan

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Use of the substance/mixture : Cargo Liner

**1.3. Details of the supplier of the safety data sheet**

The Gill Corporation  
4056 Easy Street  
El Monte, CA 91731  
[www.thegillcorp.com](http://www.thegillcorp.com)

**1.4. Emergency telephone number**

Emergency number : CHEMTREC: 1-800-424-9300

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification (GHS-US)**

Carc. 1B H350

Full text of H-phrases: see section 16

**2.2. Label elements****GHS-US labeling**

Hazard pictograms (GHS-US) :



GHS08

Signal word (GHS-US) : Danger  
Hazard statements (GHS-US) : H350 - May cause cancer  
Precautionary statements (GHS-US) : P201 - Obtain special instructions before use  
P202 - Do not handle until all safety precautions have been read and understood  
P280 - Wear protective gloves, eye protection, protective clothing  
P308 + P313 - If exposed or concerned: Get medical advice/attention  
P501 - Dispose of contents/container to comply with local/regional/national/international regulations

**2.3. Other hazards**

Other hazards not contributing to the classification : As packaged, this material does not present significant health hazards. The hazards below apply to the product if aerosols or dusts are generated from cutting, grinding, or smelting. This product contains <0.011% organic arsenic.

**2.4. Unknown acute toxicity (GHS-US)**

Not applicable

**SECTION 3: Composition/information on ingredients****3.1. Substance**

Not applicable

**3.2. Mixture**

# Fiberglass Reinforced Polyester Laminate

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Name	Product identifier	%	Classification (GHS-US)
Fiberglass	(CAS No) 65997-17-3	50 - 80	Carc. 1B, H350
Cured polyester resin (containing styrene)	(CAS No) Not Available	20 - 50	Not classified
Organic Phosphate (only in 1066R)	(CAS No) Proprietary	1 - 1.5	Acute Tox. 4 (Oral), H302

Full text of H-phrases: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation : Get medical aid immediately. Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
- First-aid measures after skin contact : Rinse immediately with large amounts of water. DO NOT rub or scratch irritated area. If fiberglass becomes imbedded, seek medical attention.
- First-aid measures after eye contact : Flush immediately with large amounts of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Get Immediate Medical Attention.
- First-aid measures after ingestion : Not expected to be an important route of entry into the body. If large amounts of particulate matter are ingested, it may cause gastrointestinal distress. Seek medical attention.

#### 4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries : As packaged, this material does not present significant health hazards. The hazards below apply to the product if aerosols or dusts are generated from cutting, grinding, or pulverizing.
- Symptoms/injuries after inhalation : Product will act as a nuisance dust. Inhalation of high concentrations of dust may cause coughing and mild, transitory respiratory irritation.
- Symptoms/injuries after skin contact : Dusts and particulate matter may cause irritation of the skin.
- Symptoms/injuries after eye contact : Dusts and particulate matter may cause irritation of the eyes.
- Symptoms/injuries after ingestion : Not expected to be an important route of entry into the body. Ingestion of large quantities of the product may cause gastric discomfort or distress.
- Chronic symptoms : Persons with a history of chronic lung diseases may be at increased risk from exposure to excessive levels of nuisance dust. Persons with medical conditions generally aggravated by mechanical irritants in the air or on the skin may be at increased risk for a worsening of the underlying condition if exposed.

#### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : Any. Use media appropriate for surrounding fire.

#### 5.2. Special hazards arising from the substance or mixture

- Fire hazard : Not flammable. Heat may cause flammable hazardous decomposition products, which may form toxic materials such as carbon dioxide, carbon monoxide, various low molecular weight hydrocarbons, oxides of phosphorus, biphenyl, organic acids and other toxic gases, acrid smoke, and fumes.  
Flammable gases and vapors may also be produced during thermal decomposition.
- Reactivity : Not reactive under normal use and conditions.

#### 5.3. Advice for firefighters

- Protection during firefighting : Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters' protective clothing will provide adequate protection.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Evacuate area.

##### 6.1.1. For non-emergency personnel

- Emergency procedures : Evacuate area.

##### 6.1.2. For emergency responders

- Protective equipment : Use personal protective equipment as required.
- Emergency procedures : Keep unauthorized personnel away.

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### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

- For containment : Do not walk through any dust resulting from damage to product.
- Methods for cleaning up : Recover mechanically the product. Minimize generation of dust. HEPA Vacuum or wet methods and place in a disposal container.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin and eyes. Use methods to minimize dust. . Do not breathe dust. DO NOT use compressed air or dry sweeping to remove dust from work area. Use a vacuum with adequate filtration system to remove dusts. If an appropriate vacuum is unavailable, only wet-clean-up methods should be used (i.e. misting). Moisture should be added as necessary to reduce exposure to airborne dust.

Hygiene measures : Practice good housekeeping. Wash thoroughly after handling. Change contaminated clothing. Do not reuse until laundered. Separate working clothes from town clothes. Launder separately.

### 7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Store in a well-ventilated place. Keep container tightly closed.
- Incompatible products : Strong acids, alkalis and oxidizers.

### 7.3. Specific end use(s)

Cargo Liner

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Fiberglass (65997-17-3)		
ACGIH	Not applicable	
OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	3 fibers/cm <sup>3</sup> (fibers with diameter ≤ 3.5 μm & length ≥ 10 μm); 5 mg/m <sup>3</sup> TWA (total fibrous glass)

Styrene (100-42-5)		
ACGIH	ACGIH TWA (ppm)	20 ppm
ACGIH	ACGIH STEL (ppm)	40 ppm
ACGIH	Remark (ACGIH)	CNS impair; URT irr; peripheral
OSHA	OSHA PEL (TWA) (ppm)	100 ppm
OSHA	Remark (OSHA)	(2) See Table Z-2.
IDLH	US IDLH (ppm)	700 ppm

Particulates Not Otherwise Regulated (Total Dust)		
ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	3 mg/m <sup>3</sup> Respirable; 10 mg/m <sup>3</sup> Total dust
OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	5mg/m <sup>3</sup> Respirable; 15 mg/m <sup>3</sup> Total dust

### 8.2. Exposure controls

- Appropriate engineering controls : Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Enclosed processes used in combination with local exhaust ventilation as necessary to control air contaminants at or below acceptable exposure guidelines. Collection systems must be designed and maintained to prevent the accumulation and recirculation of dust into the workplace.
- Hand protection : None normally needed. Impervious gloves may be used to prevent mechanical irritation.
- Eye protection : Where eye contact is possible with particulate matter, safety glasses with side shields are recommended.
- Skin and body protection : Depending on the risk, wear a tight, long apron and boots or suitable chemical protection clothing. Nitrile rubber or similar protection are recommended for waste clear-up and manufacturing operations.
- Respiratory protection : Follow NIOSH recommendations for respirator use if welding, cutting, or grinding.

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### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state	: Solid
Color	: White (100G is green)
Odor	: Slightly Sweet
Odor threshold	: No data available
pH	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: 1.9 - 2.5 (H <sub>2</sub> O=1)
Solubility	: Insoluble in water.
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosive limits	: No data available

#### 9.2. Other information

No additional information available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Not reactive under normal use and conditions.

#### 10.2. Chemical stability

Stable under normal use and conditions.

#### 10.3. Possibility of hazardous reactions

Product is stable. Hazardous polymerization will not occur.

#### 10.4. Conditions to avoid

No additional information available

#### 10.5. Incompatible materials

Avoid contact with strong alkaline, strong mineral acids and oxidizing and reducing agents.

#### 10.6. Hazardous decomposition products

Heat may cause flammable hazardous decomposition products, which may form toxic materials such as carbon dioxide, carbon monoxide, various low molecular weight hydrocarbons, oxides of phosphorus, biphenyl, organic acids and other toxic gases, acrid smoke, and fumes.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity : Not classified

#### Cured polyester resin (containing styrene) (Not Available)

LD50 oral rat	2650 mg/kg Science Reports of the Research Institutes, Tohoku University, Series C: Medicine. Vol. 36(1-4), Pg. 10, 1989.
LC50 inhalation rat (mg/l)	12 mg/l/4h Archives of Environmental Health. Vol. 18, Pg. 878, 1969.

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<b>Organic Phosphate (only in 1066R) (Proprietary)</b>	
LD50 oral rat	1170 mg/kg Spravochnik po Toksikologii i Gigienicheskim Normativam Vol. -, Pg. 227, 1999.

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: May cause cancer.

<b>Styrene (100-42-5)</b>	
ATE US (gases)	4500.000 ppmV/4h
ATE US (vapors)	11.000 mg/l/4h
ATE US (dust, mist)	1.500 mg/l/4h

Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: May cause cancer.

<b>Fiberglass (65997-17-3)</b>	
IARC group	3 - Not classifiable
National Toxicology Program (NTP) Status	3 - Reasonably anticipated to be Human Carcinogen

<b>Styrene (100-42-5)</b>	
IARC group	2B - Possibly carcinogenic to humans
National Toxicology Program (NTP) Status	3 - Reasonably anticipated to be Human Carcinogen

Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified
Symptoms/injuries after inhalation	: Product will act as a nuisance dust. Inhalation of high concentrations of dust may cause coughing and mild, transitory respiratory irritation.
Symptoms/injuries after skin contact	: Dusts and particulate matter may cause irritation of the skin.
Symptoms/injuries after eye contact	: Dusts and particulate matter may cause irritation of the eyes.
Symptoms/injuries after ingestion	: Not expected to be an important route of entry into the body. Ingestion of large quantities of the product may cause gastric discomfort or distress.
Chronic symptoms	: Persons with a history of chronic lung diseases may be at increased risk from exposure to excessive levels of nuisance dust. Persons with medical conditions generally aggravated by mechanical irritants in the air or on the skin may be at increased risk for a worsening of the underlying condition if exposed.

## SECTION 12: Ecological information

### 12.1. Toxicity

No additional information available

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Effect on the global warming : No known ecological damage caused by this product.

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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste disposal recommendations : Recover or recycle if possible. Dispose in a safe manner in accordance with local/national regulations.

### SECTION 14: Transport information

In accordance with DOT  
Not regulated for transport

#### Additional information

Other information : No supplementary information available.

#### ADR

No additional information available

#### Transport by sea

No additional information available

#### Air transport

No additional information available

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

##### Fiberglass (65997-17-3)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

##### Cured polyester resin (containing styrene) (Not Available)

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

##### Organic Phosphate (only in 1066R) (Proprietary)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

##### Styrene (100-42-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory  
Subject to reporting requirements of United States SARA Section 313

CERCLA RQ	1000 lb
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#### 15.2. International regulations

##### CANADA

No additional information available

##### EU-Regulations

No additional information available

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

##### Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Not classified

#### 15.2.2. National regulations

##### styrene (100-42-5)

Listed on IARC (International Agency for Research on Cancer)  
Listed as carcinogen on NTP (National Toxicology Program)

#### 15.3. US State regulations

##### Fiberglass (65997-17-3)

U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significance risk level (NSRL)
Yes	No	No	No	

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Styrene (100-42-5)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significance risk level (NSRL)
Yes	No	No	No	27 µg per day

Styrene (100-42-5)
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations U.S. - Maine - Air Pollutants - Hazardous Air Pollutants U.S. - Massachusetts - Right To Know List U.S. - Michigan - Critical Materials List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - New York - Reporting of Releases Part 597 - List of Hazardous Substances U.S. - Pennsylvania - RTK (Right to Know) List

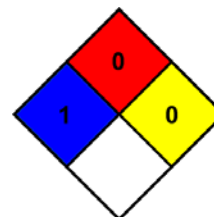
### SECTION 16: Other information

Revision date : 03/13/2017  
Data sources : ChemADVISOR, Inc.[<https://www.chemadvisor.com>]. GESTIS DNEL Database [[http://dnel-en.itrust.de/nxt/gateway.dll/dnel\\_en/000000.xml?f=templates\\$fn=default.htm\\$vid=dneleng:ddb eng\\$3.0](http://dnel-en.itrust.de/nxt/gateway.dll/dnel_en/000000.xml?f=templates$fn=default.htm$vid=dneleng:ddb eng$3.0)].

Full text of H-phrases:

Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Carc. 1B	Carcinogenicity Category 1B
H302	Harmful if swallowed
H350	May cause cancer

NFPA health hazard : 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.  
NFPA fire hazard : 0 - Materials that will not burn.  
NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



HMIS III Rating  
Health : 1 Slight Hazard - Irritation or minor reversible injury possible  
Flammability : 0 Minimal Hazard  
Physical : 0 Minimal Hazard

SDS US (GHS HazCom 2012)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*