

**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
Other means of identification : Gilliner®1366B, 1366C, 1366D, 1366E, 1366F, 1076C, 1076D, 1066 (-A, R, S, T), 1366, 1100

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
(626) 443-4022
www.thegillcorp.com

1.4. Emergency telephone number

Emergency number : THE GILL CORPORATION: 1-626-443-4022 CHEMTREC: 1-800-424-9300

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

Muta. 1B H340
Carc. 1B H350
Repr. 2 H361

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) :

: H340 - May cause genetic defects
H350 - May cause cancer
H361 - May cause spermatogenesis (including genetic material, sperm morphology, motility, and count)

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.

2.4. Unknown acute toxicity (GHS-US)

Not applicable

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

Not applicable

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3.2. Mixture

Name	Product identifier	%	Classification (GHS-US)
Fiberglass	(CAS No) 65997-17-3	60 - 80	Carc. 1B, H350
Cured polyester resin (containing styrene)	(CAS No) Not Available	20 - 40	Carc. 1B, H350
Organic phosphorus compound	(CAS No) 756-79-6	<= 2	Acute Tox. 4 (Inhalation), H332 Eye Irrit. 2A, H319 Muta. 1B, H340 Repr. 2, H361
Antimony Compound (as Antimony)	(CAS No) 7440-36-0	<= 2	Carc. 2, H351 STOT SE 3, H335

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 smelting.
- 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.
- Various studies of human overexposure to various forms of antimony in smelters reported effects primarily including dermatitis, rhinitis, inflammation of the upper and lower respiratory tract (including pneumonitis), with few cases of gastritis, conjunctivitis, and septal perforations.

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. Can decompose in a fire emitting toxic fumes and gases of CO, CO₂, various low molecular weight hydrocarbons, oxides of phosphorous, biphenyl, organic acids and other toxic gases, acrid smoke.
- 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.

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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.

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 : Solid : Recover the product mechanically. Powder :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 respirable dust.
 Hygiene measures : Practice good housekeeping. Wash thoroughly after handling.

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 ³)	3 fibers/cm ³ (fibers with diameter ≤ 3.5 μm & length ≥ 10 μm); 5 mg/m ³ TWA (total fibrous glass)
Cured polyester resin (containing styrene) (Not Available)		
ACGIH	ACGIH TWA (ppm)	20 ppm
ACGIH	ACGIH STEL (ppm)	40 ppm
ACGIH	Remark (ACGIH)	CNS impair; URT irr; peripheral
OSHA	Remark (US OSHA)	(2) See Table Z-2.
Antimony Compound(as Antimony) (7440-36-0)		
ACGIH	ACGIH TWA (mg/m ³)	0.5 mg/m ³
ACGIH	Remark (ACGIH)	Skin & URT irr
OSHA	OSHA PEL (TWA) (mg/m ³)	0.5 mg/m ³
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

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Particulates Not Otherwise Regulated (Total Dust)		
ACGIH	ACGIH TWA (mg/m ³)	3 mg/m ³ Respirable; 10 mg/m ³ Total dust
OSHA	OSHA PEL (TWA) (mg/m ³)	5mg/m ³ Respirable; 15 mg/m ³ 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 in 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 is recommended for waste clear-up and manufacturing operations.
Respiratory protection	: Follow NIOSH recommendations for respirator use if welding, cutting, or grinding.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Color	: White to Off-white
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	: 2.1 (H ₂ 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.

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10.4. Conditions to avoid

Avoid generation of dusts.

10.5. Incompatible materials

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

10.6. Hazardous decomposition products

CO, CO₂, 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.

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.

Organic phosphorus compound(756-79-6)	
LD50 oral rat	8210 mg/kg Office of Toxic Substances Report. Vol.FYI-OTS-0483-0242.
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	2.589 mg/l

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

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

Cured polyester resin (containing styrene) (Not Available)	
IARC group	2B - Possibly carcinogenic to humans
National Toxicology Program (NTP) Status	3 - Reasonably anticipated to be Human Carcinogen

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

Fiberglass Reinforced Polyester Laminate	
Additional information	Antimony trioxide is possibly carcinogenic to humans (Group 2E). Antimony trisulfide is not classifiable as to its carcinogenicity to humans (Group 3).
IARC group	2B - Possibly carcinogenic to humans, 3 - Not classifiable

Reproductive toxicity : Suspected of damaging fertility or the unborn child. May cause spermatogenesis (including genetic material, sperm morphology, motility, and count)
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.

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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.

Various studies of human overexposure to various forms of antimony in smelters reported effects primarily including dermatitis, rhinitis, inflammation of the upper and lower respiratory tract (including pneumonitis), with few cases of gastritis, conjunctivitis, and septal perforations.

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.

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)

Listed on the United States TSCA (Toxic Substances Control Act) inventory Listed on United States SARA Section 313

RQ (Reportable quantity, section 304 of EPA's List of Lists) :	1000 lb
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Organic phosphorus compound(756-79-6)

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

Antimony Compound(as Antimony) (7440-36-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory Listed on United States SARA Section 313

RQ (Reportable quantity, section 304 of EPA's List of Lists) :	5000 lb
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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

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	

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

Cured polyester resin (containing styrene) (Not Available)

U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities
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
U.S. - Washington - Permissible Exposure Limits - TWAs

Antimony Compound (as Antimony) (7440-36-0)

U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations
U.S. - Massachusetts - Right To Know 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
U.S. - Washington - Permissible Exposure Limits - TWAs

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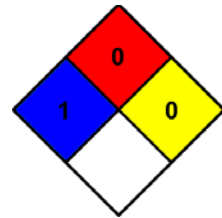
SECTION 16: Other information

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 (Inhalation)	Acute toxicity (inhalation) Category 4
Carc. 1B	Carcinogenicity Category 1B
Carc. 2	Carcinogenicity Category 2
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Muta. 1B	Germ cell mutagenicity Category 1B
Repr. 2	Reproductive toxicity Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
H340	May cause genetic defects
H350	May cause cancer
H351	Suspected of causing cancer
H361	Suspected of damaging fertility or the unborn child

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.