

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

| | |
|-------------------------------|--|
| Product form | : Mixture |
| Product name | : Fiberglass - Polyester Skins/ Balsa Core Panels |
| Product code | : 101 |
| Other means of identification | : Gillfab® 5007A Panel Gillfab® 5007B Panel Gillfab® 5007C Panel Gillfab® 5018T Panel |

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

| | |
|------------------------------|--|
| Use of the substance/mixture | : Designed for use as flooring in cargo compartments and other high traffic areas. |
|------------------------------|--|

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)**

Skin Sens. 1 H317
Carc. 1B H350
Repr. 2 H361
Aquatic Acute 3 H402

Full text of H-phrases: see section 16

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

Hazard pictograms (GHS-US)



GHS07

GHS08

Signal word (GHS-US) Hazard statements (GHS-US)

- : Danger
- : H317 - May cause an allergic skin reaction
H350 - May cause cancer
H361 - Suspected of damaging fertility or the unborn child
H402 - Harmful to aquatic life

Precautionary statements (GHS-US)

- : P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
P272 - Contaminated work clothing must not be allowed out of the workplace
P273 - Avoid release to the environment
P280 - Wear protective gloves, eye protection, protective clothing
P302 + P352 - If on skin: Wash with plenty of water/...
P308 + P313 - If exposed or concerned: Get medical advice/attention
P321 - Specific treatment (see Section 4 on this label)
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention
P362+P364 - Take off contaminated clothing and wash it before reuse
P405 - Store locked up
P501 - Dispose of contents/container to comply with local/regional/national/international regulations

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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 pulverizing.

2.4. Unknown acute toxicity (GHS-US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

| Name | Product identifier | % | Classification (GHS-US) |
|--|------------------------|-----------|--|
| Balsa Wood | (CAS No) Not Available | 4 - 60 | Carc. 1B, H350 |
| Fiberglass | (CAS No) 65997-17-3 | 10 - 50 | Carc. 1B, H350 |
| Cured polyester resin (containing styrene) | (CAS No) Not Available | 18 - 50 | Not classified |
| Zinc Borate | (CAS No) 138265-88-0 | 0.03 - 5 | Eye Irrit. 2A, H319 Aquatic Acute 2, H401 |
| Antimony Compound (as Antimony) | (CAS No) 7440-36-0 | 1 - 4 | Carc. 2, H351 STOT SE 3, H335 |
| Proprietary Adhesion reinforcement | (CAS No) Proprietary | 0.8 - 2 | Acute Tox. 4 (Inhalation: dust, mist), H332 Carc. 2, H351 Repr. 2, H361 |
| Organic Phosphate Flame Retardant | (CAS No) Proprietary | 0.3 - 0.5 | Eye Irrit. 2A, H319 Skin Sens. 1, H317 Carc. 2, H351 |

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 : Remove contaminated clothing. Rinse immediately with large amounts of water. If frostbite or freezing occurs, immediately flush with plenty of lukewarm water to GENTLY warm the affected area. Do not use hot water. Do not rub affected area. Get immediate medical attention. Obtain medical attention if irritation persists. 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. Oxides from metallic fires are a severe health hazard. Inhalation or contact with substance or decomposition product may cause severe injury or death.
- 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

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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.

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.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment Methods : Do not walk through any dust resulting from damage to product.

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 respirable silica 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)

Use of the substance/mixture : Designed for use as flooring in cargo compartments and other high traffic areas.

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 | Not applicable | |
| OSHA | Not applicable | |

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| 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 |

| Zinc Borate (138265-88-0) Particulates Not Otherwise Regulated | | |
|--|----------------|--|
| ACGIH | Not applicable | |
| OSHA | Not applicable | |

| Balsa Wood (Not Available) Particulates Not Otherwise Regulated | | |
|---|----------------|--|
| ACGIH | Not applicable | |
| OSHA | Not applicable | |

| Proprietary Adhesion reinforcement (Not Available) Particulates Not Otherwise Regulated | | |
|---|----------------|--|
| ACGIH | Not applicable | |
| OSHA | Not applicable | |

| Organic Phosphate Flame Retardant (Not Available) Particulates Not Otherwise Regulated | | |
|--|----------------|--|
| ACGIH | Not applicable | |
| OSHA | Not applicable | |

| 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 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 respirable silica 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 protections are 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 |
| Appearance | : Flat, Textured |
| Color | : White; Off-white |
| Odor | : None |
| Odor threshold | : No data available |

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| | |
|---|----------------------|
| 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 | : 0.28-1.0 g/cc |
| 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 conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

Strong oxidizing agents, strong acids and bases, especially oxalic and hydrofluoric acid and acyl halides.

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

Proprietary Adhesion reinforcement

| | |
|---------------------|---------------|
| ATE US (dust, mist) | 1.500 mg/l/4h |
|---------------------|---------------|

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

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

| | |
|------------------------|--|
| 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 |

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| Styrene (100-42-5) | |
|--|--|
| IARC group | 2B - Possibly carcinogenic to humans |
| National Toxicology Program (NTP) Status | 3 - Reasonably anticipated to be Human Carcinogen |
| Fiberglass (65997-17-3) | |
| IARC group | 3 - Not classifiable |
| National Toxicology Program (NTP) Status | 3 - Reasonably anticipated to be Human Carcinogen |
| Reproductive toxicity | : Suspected of damaging fertility or the unborn child. |
| 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

| Zinc Borate (138265-88-0) | |
|---------------------------|------------------------|
| LC50 fish | 335 mg/l Bluegill |
| LC50 fish | 2.7 mg/l Rainbow Trout |

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

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Air transport

No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations

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

Fiberglass (65997-17-3)

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

Zinc Borate (138265-88-0)

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) : | 1000 lb |
|--|---------|

Cured polyester resin (containing styrene) (Not Available)

Not 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 |
|--|---------|

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 |

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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

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

Zinc Borate (138265-88-0)

U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities
U.S. - Massachusetts - Right To Know 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 (Inhalation:dust,mist) | Acute toxicity (inhalation:dust,mist) Category 4 |
| Aquatic Acute 2 | Hazardous to the aquatic environment - Acute Hazard Category 2 |
| Aquatic Acute 3 | Hazardous to the aquatic environment - Acute Hazard Category 3 |
| Carc. 1B | Carcinogenicity Category 1B |
| Carc. 2 | Carcinogenicity Category 2 |
| Eye Irrit. 2A | Serious eye damage/eye irritation Category 2A |
| Repr. 2 | Reproductive toxicity Category 2 |
| Skin Sens. 1 | Skin sensitization Category 1 |
| STOT SE 3 | Specific target organ toxicity (single exposure) Category 3 |
| H317 | May cause an allergic skin reaction |
| H319 | Causes serious eye irritation |
| H332 | Harmful if inhaled |
| H335 | May cause respiratory irritation |
| H350 | May cause cancer |
| H351 | Suspected of causing cancer |
| H361 | Suspected of damaging fertility or the unborn child |
| H401 | Toxic to aquatic life |
| H402 | Harmful to aquatic life |

NFPA health hazard

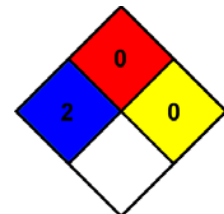
: 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.

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.



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HMIS III Rating

| | |
|--------------|---|
| Health | : * Chronic Hazard - Chronic (long-term) health effects may result from repeated overexposure |
| 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.