

**SECTION 1: Identification****1.1 Product identifier**

Product name : Gillpatch® 1369P

Other means of identification : Not applicable

1.2 Recommended use of the chemical and restrictions on use

Cargo Liner repair patch.

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 phone number(s)

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

SECTION 2: Hazard identification**2.1 Classification of the substance or mixture**

GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)

- Skin corrosion/irritation, Cat. 2

- Toxic to reproduction, Cat. 2

2.2 GHS label elements, including precautionary statements

Pictogram



Signal word

Warning

Hazard statement(s)

H315

Causes skin irritation

H361

Suspected of damaging fertility or the unborn child

Precautionary statement(s)

P201

Obtain special instructions before use.

P202

Do not handle until all safety precautions have been read and understood.

P264

Wash hands and exposed skin thoroughly after handling.

P280

Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352

IF ON SKIN: Wash with plenty of water.

P308+P313

IF exposed or concerned: Get medical advice/attention.

P332+P313

If skin irritation 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 in accordance with applicable Federal, State and local laws and regulations.

2.3 Other hazards which do not result in classification

Generation of excessive amounts of dust/fume from cutting, grinding, smelting or exposure to high temperature is hazardous. It may cause eye, skin, respiratory tract irritation due to mechanical action of solid particles and potential exposure to hazardous chemicals.

SECTION 3: Composition/information on ingredients**3.1 Substances**

Not applicable.

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3.2 Mixtures

Components*

Component	Concentration
Continuous Filament/FiberGlass (CAS no.: 65997-17-3)	<60 % (weight)
Cured Phenol Formaldehyde resin (CAS no.: 9003-35-4)	<22.5 % (weight)
Antimony oxide (Sb ₂ O ₅) (CAS no.: 1314-60-9)	<3.9 % (weight)
Paraffin waxes and Hydrocarbon waxes, chloro (CAS no.: 63449-39-8)	<2.1 % (weight)
Zinc borate (CAS no.: 1332-07-6)	<1.5 % (weight)
Amines, tallow alkyl, ethoxylated (CAS no.: 61791-26-2)	<1.5 % (weight)

*Residual/trace amounts of the following substances may be present: Formaldehyde (CAS no.: 50-00-0).

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
If inhaled	: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Call a poison center or doctor.
In case of skin contact	: Wash with water. Call a poison center or doctor if irritation develops or persists. .
In case of eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison center or doctor if you feel unwell.
If swallowed	: Call a poison center or doctor if you feel unwell. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

If inhaled	: May cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.
In case of skin contact	: Causes skin irritation. Signs/symptoms may include localized redness, swelling, and itching.
In case of eye contact	: May cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.
If swallowed	: May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

No data available.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Specific hazards arising from the chemical

Hazardous decomposition products: Carbon oxides, formaldehyde, phenolic materials, and other toxic fumes and gases.

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information

Use water spray to cool unopened containers.

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear respiratory protection if necessary. Do not breathe dust or mist. Ensure adequate ventilation. For personal protection see section 8.

6.2 Environmental precautions

Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ensure adequate ventilation. Avoid dust formation. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes and clothing. Avoid ingestion and inhalation.

7.2 Conditions for safe storage, including any incompatibilities

Keep in a dry and well-ventilated place.

Specific end use(s)

Apart from the uses mentioned in section 1 no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

Continuous filament glass fibers:

OSHA PEL 8-hour TWA (ST) STEL (C) Ceiling Peak		NIOSH REL Up to 10-hour TWA (ST) STEL (C) Ceiling		ACGIH® TLV® 8-hour TWA (ST) STEL (C) Ceiling		Cal/OSHA PEL 8-hour TWA (ST) STEL (C) Ceiling Peak	
PEL-TWA	15 mg/m ³ or 50 mppcf (total dust), 5 mg/m ³ or 15 mppcf (respirable fraction)	REL-TWA	3 fibers/cm ³ (fibers with diameter ≤ 3.5µm and length ≥ 10µm). TWA 5 mg/m ³ (total)	TLV-TWA	1 fiber/cc; 5 mg/m ³ (inhalable particulate matter)	PEL-TWA	10 mg/m ³ (total dust); 5 mg/m ³ (respirable fraction)

Formaldehyde (CAS no.: 50-00-0):

OSHA PEL 8-hour TWA (ST) STEL (C) Ceiling Peak		NIOSH REL Up to 10-hour TWA (ST) STEL (C) Ceiling		ACGIH® TLV® 8-hour TWA (ST) STEL (C) Ceiling		Cal/OSHA PEL 8-hour TWA (ST) STEL (C) Ceiling Peak	
PEL-TWA	0.75 ppm [0.5 ppm Action Level]	REL-TWA	0.016 ppm	TLV-TWA	0.1 ppm [2016]	PEL-TWA	0.75 ppm [0.50 ppm Action Level]
PEL-STEL	2 ppm	REL-STEL	Not available	TLV-STEL	0.3 ppm [2016]	PEL-STEL	2 ppm
PEL-C	Not available	REL-C	0.1 ppm [15 minutes]	TLV-C	Not available	PEL-C	Not available

Antimony oxide (CAS no.: 1314-60-9) as antimony & compounds (as Sb):

OSHA PEL 8-hour TWA (ST) STEL (C) Ceiling Peak		NIOSH REL Up to 10-hour TWA (ST) STEL (C) Ceiling		ACGIH® TLV® 8-hour TWA (ST) STEL (C) Ceiling		Cal/OSHA PEL 8-hour TWA (ST) STEL (C) Ceiling Peak	
PEL-TWA	0.5 mg/m ³	REL-TWA	0.5 mg/m ³	TLV-TWA	0.5 mg/m ³	PEL-TWA	0.5 mg/m ³
PEL-STEL	Not available	REL-STEL	Not available	TLV-STEL	Not available	PEL-STEL	Not available
PEL-C	Not available	REL-C	Not available	TLV-C	Not available	PEL-C	Not available

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8.2 Appropriate engineering controls

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, gas, etc.) below recommended exposure limits.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection	: Safety goggles are recommended.
Skin protection	: Wear protective gloves.
Body protection	: Wear protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Respiratory protection	: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Thermal hazards	: No data available.
Environmental exposure controls	: Do not let product enter drains.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	: Solid, flat white sheet, with adhesive layer on the back
Odor	: Mild
Odor threshold	: No data available
pH	: Not applicable
Melting point/freezing point	: No data available
Initial boiling point and boiling range	: Not applicable
Flash point	: Not applicable
Evaporation rate	: Not applicable
Flammability (solid, gas)	: Not flammable
Upper/lower flammability limits	: No data available
Upper/lower explosive limits	: Not applicable
Vapor pressure	: Not applicable
Vapor density	: Not applicable
Relative density	: No data available
Solubility(ies)	: No data available
Partition coefficient: n-octanol/water	: Not applicable
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: Not applicable
Explosive properties	: Not explosive
Oxidizing properties	: Not oxidizing
Other safety information	: No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

Not reactive under normal use and storage conditions.

10.2 Chemical stability

Stable under normal storage conditions.

10.3 Possibility of hazardous reactions

No data available.

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10.4 Conditions to avoid

Avoid dust generation, avoid exposure to heat and contact with incompatible materials.

10.5 Incompatible materials

Strong alkaline, acids, oxidizing and reducing agents.

10.6 Hazardous decomposition products

Carbon oxides, formaldehyde, phenolic materials, and other toxic fumes and gases.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity	: Based on available data, classification data are not met
Likely Routes of Exposure	: Eye contact. Skin contact. Inhalation.
Skin corrosion/irritation	: Causes skin irritation. Signs/symptoms may include localized redness, swelling, and itching
Serious eye damage/irritation	: Dust may cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision
Respiratory or skin sensitization	: May cause an allergic skin reaction in susceptible individuals
Germ cell mutagenicity	: No data available
Carcinogenicity	
Only trace amounts of these components are anticipated:	
Formaldehyde (CAS no.: 50-00-0)	: IARC: carcinogenic to humans (Group 1) : NTP: known to be a human carcinogen : OSHA: listed as carcinogen
FiberGlass (inhalable)	: NTP: reasonably anticipated to be human carcinogen
Chlorinated paraffins (C12, 60% chlorine)	: IARC: possibly carcinogenic to human (Group 2B) : NTP: reasonably anticipated to be a human carcinogen
Reproductive toxicity	: Suspected of damaging fertility or the unborn child Product contains Zinc borate (CAS no.: 1332-07-6), which is suspected of damaging fertility or the unborn child
STOT-single exposure	: No data available
STOT-repeated exposure	: No data available
Aspiration hazard	: No data available
Additional information	: No data available

SECTION 12: Ecological information

Toxicity	: No data available on product
Persistence and degradability	: No data available on product
Bioaccumulative potential	: No data available on product
Mobility in soil	: No data available
Results of PBT and vPvB assessment	: PBT/vPvB assessment not available as chemical safety assessment not required/not conducted
Other adverse effects	: No data available

SECTION 13: Disposal considerations

Disposal of the product	: Disposal should be in accordance with applicable Federal, State and local laws and regulations. Local regulations may be more stringent than State or Federal requirements.
Disposal of contaminated packaging	: Dispose of as unused product.

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SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

California Prop. 65 Components

WARNING: This product can expose you to chemicals including formaldehyde, glass wool fibers, and chlorinated paraffins, which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 311/312 Hazards

Acute Health Hazard, Chronic Health Hazard.

SARA 313 Components

Antimony oxide (CAS no.: 1314-60-9)

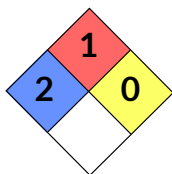
Zinc borate (CAS no.: 1332-07-6)

NFPA Rating

NFPA health hazard

NFPA fire hazard

NFPA reactivity



: 2 - Intense or continued but not chronic exposure could cause temporary incapacitation or possible residual injury.

: 1 - Must be preheated before ignition can occur.

: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.

HMIS III Rating

Health

Flammability

Physical

Gillpatch® 1969P	
HEALTH	2*
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

: 2 Moderate Hazard

: 1 Materials must be preheated before ignition will occur.

: 0 Minimal Hazard

SECTION 16: Other information

16.1 Further information/disclaimer

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