

# Gecko Ply Hardwood

## Safety Data Sheet

According to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)  
Issue date: 6/11/2026 Version: 1.0

### SECTION 1 Identification

#### 1.1. Product identifier

Product form : Mixture  
Trade name : Gecko Ply Hardwood

#### 1.2. Other means of identification

Other means of identification : Hardwood plywood, Geckoply

#### 1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Building materials  
Restrictions on use : All other uses not recommended

#### 1.4. Supplier's details

Timber Products Company  
305 South 4th Street  
Springfield, OR 97477  
USA  
T 541-747-4577

#### 1.5. Emergency phone number

Emergency number : For Hazardous Materials or Dangerous Goods Incident Spill, Leak, Fire, Exposure, or Accident  
Call CHEMTREC Day or Night: 1-800-424-9300 (Toll Free, USA) / 703-527-3887 (Virginia, USA)  
CCN 1025197  
Back-up Emergency Number: +1 703-741-5970 (Washington, DC)

### SECTION 2 Hazard Identification

#### 2.1. Classification of the substance or mixture

##### GHS US classification

Skin corrosion/irritation, Category 2	H315	Causes skin irritation.
Serious eye damage/eye irritation, Category 2A	H319	Causes serious eye irritation.
Skin sensitization, Category 1	H317	May cause an allergic skin reaction.
Carcinogenicity, Category 1A	H350	May cause cancer.
Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation	H335	May cause respiratory irritation.
Combustible dust		May form combustible dust concentrations in air [if small particles are generated during further processing, handling or by other means.].

Full text of H statements : see section 16

#### 2.2. Label elements

##### GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) : Danger  
Hazard statements (GHS US) : CODU - May form combustible dust concentrations in air [if small particles are generated during further processing, handling or by other means.]

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Precautionary statements (GHS US)	<p>H315 - Causes skin irritation H317 - May cause an allergic skin reaction H319 - Causes serious eye irritation H335 - May cause respiratory irritation H350 - May cause cancer.</p> <p>: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust. Wash hands, forearms and face thoroughly after handling. Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves, protective clothing, eye and face protection. If on skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice or attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention. If exposed or concerned: Get medical advice/attention. Store in a well-ventilated place. Keep container tightly closed. Store locked up. Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.</p>
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### 2.3. Hazards associated with known or reasonably anticipated uses

In the form in which it is marketed, the product causes no danger to health for humans through inhalation, swallowing or contact with the skin. If the product form in the as-supplied state is changed through further processing (e.g. through grinding, polishing, electrical discharge machining, welding or melting) and dust or vapours are produced, the following hazards are associated with the product.

### 2.4. Hazards not otherwise classified

No additional information available

### 2.5. Unknown acute toxicity

No additional information available

## SECTION 3 Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	GHS US classification
Wood (dust, chips, splinters), hardwood or softwood	-	93 – 95	Skin Irrit. 2, H315 Eye Irrit. 2B, H320 Carc. 1A, H350 STOT SE 3, H335 Comb. Dust 1
Formaldehyde, oligomeric reaction products with phenol	CAS-No.: 9003-35-4	< 3	Eye Irrit. 2A, H319 Skin Sens. 1, H317

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Name	Product identifier	%	GHS US classification
Imidacloprid	CAS-No.: 138261-41-3	< 0.003	Acute Tox. 3 (Oral), H301 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Comments : The concentration ranges are provided due to batch-to-batch variability.

Full text of hazard classes and H-statements : see section 16

### SECTION 4 First aid measures

#### 4.1. Description of necessary first-aid measures

First-aid measures general	: In the finished material form, no special first aid measures are required. The following first aid measures must be followed during any process generating dust. First aider: Pay attention to self-protection. Never give anything by mouth to an unconscious person. IF exposed or concerned: Get medical advice/attention.
First-aid measures after inhalation	: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor.
First-aid measures after skin contact	: Take off contaminated clothing. Wash skin with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Call a poison center/doctor/physician if you feel unwell.

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

Symptoms/effects after inhalation	: If dust are formed : May cause respiratory irritation.
Symptoms/effects after skin contact	: Dust may cause irritation in skin folds or by contact in combination with tight clothing. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Dust from this product may cause eye irritation.
Symptoms/effects after ingestion	: Not expected to present a significant ingestion hazard under anticipated conditions of normal use.
Chronic symptoms	: May cause cancer.

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

Other medical advice or treatment	: Treat symptomatically.
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### SECTION 5: Fire-fighting measures

#### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Use dry chemical or CO2. Water spray. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.

#### 5.2. Specific hazards arising from the chemical

Fire hazard	: May form combustible dust concentrations in air.
Explosion hazard	: No direct explosion hazard.
Hazardous decomposition products in case of fire	: Toxic fumes may be released. Formaldehyde. Carbon dioxide. Carbon monoxide.

#### 5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	: Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection. Move containers from fire area if it can be done without personal risk. Use extinguishing media appropriate for surrounding fire. Prevent fire-fighting water from entering environment.
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Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

### SECTION 6 Accidental release measures

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

General measures : Avoid all personal contact including breathing in the dust. Do not take actions involving personal risks. Absorb spillage to prevent material-damage. Notify authorities if product enters sewers or public waters.

##### For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.  
Emergency procedures : Evacuate the danger area. If outdoors, move to an area upwind of the danger area. Do not breathe fume, dust. If possible without taking personal risks, remove ignition sources, ventilate area. Prevent other non-emergency personnel from entering the danger area.

##### For emergency responders

Protective equipment : Wear the recommended personal protective equipment. For further information refer to section 8: "Exposure controls/personal protection".  
Emergency procedures : Evacuate personnel to a safe area. Ventilate spillage area.  
Environmental precautions : If dust are formed : Do not allow product to spread into the environment. Notify authorities if product enters sewers or public waters.

#### 6.2. Methods and materials for containment and cleaning up

For containment : Avoid dust formation. Collect spillage.  
Methods for cleaning up : Take up mechanically (sweeping, shoveling) and collect in suitable container for disposal. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations.

For further information refer to section 8: "Exposure controls/personal protection", For further information refer to section 13

### SECTION 7 Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Avoid dust formation. Avoid all personal contact including breathing in the dust. Always wash hands after handling the product.  
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Wash contaminated clothing before reuse.

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

Storage conditions : Product should not be subjected to temperatures exceeding the autoignition temperature. Store flat, supported and protected from direct contact with the ground, in a well-ventilated, cool, dry place, away from open flames or temperatures high enough to ignite or cause smoldering combustion.  
Incompatible products : Strong oxidizers. Strong acids.

### SECTION 8 Exposure controls/personal protection

#### 8.1. Control parameters

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<b>Gecko Ply Hardwood</b>	
<b>USA - ACGIH® - Threshold Limit Values</b>	
Local name	Wood (wood dust, softwood or hardwood, logs, wood chips)
ACGIH® TLV® TWA	1 mg/m <sup>3</sup> Inhalable fraction
Remark (ACGIH®)	TLV® Basis: Pulm fibrosis; lung cancer. Notations: A2 (Suspected Human Carcinogen)
Regulatory reference	ACGIH 2025
<b>USA - OSHA - Occupational Exposure Limits</b>	
Local name	Wood (wood dust, softwood or hardwood, logs, wood chips)
OSHA PEL TWA	15 mg/m <sup>3</sup> Total Dust (PNOR)
<b>USA - NIOSH - Occupational Exposure Limits</b>	
Local name	Tripoli (as quartz) (Silica, crystalline, respirable dust)
NIOSH REL 10h TWA	0.05 mg/m <sup>3</sup>
Remark (NIOSH)	Ca = Potential occupational carcinogens
Regulatory reference (US-NIOSH)	OSHA Annotated Table Z-1 (NIOSH Pocket Guide to Chemical Hazards (NPG))
<b>Imidacloprid (138261-41-3)</b>	
<b>USA - ACGIH® - Threshold Limit Values</b>	
Local name	Imidacloprid
ACGIH® TLV® TWA	0.005 mg/m <sup>3</sup> (I - Inhalable particulate matter)
Remark (ACGIH®)	TLV® Basis: Male repro system dam; Body weight; Repro eff; Neurodevelopmental impair. Notations: A4 (Not classifiable as a Human Carcinogen)
Regulatory reference	ACGIH 2026
<b>Exposure limit values of other components</b>	
<b>Formaldehyde (50-00-0)</b>	
<b>USA - ACGIH® - Threshold Limit Values</b>	
Local name	Formaldehyde
ACGIH® TLV® TWA	0.12 mg/m <sup>3</sup> 0.1 ppm
ACGIH® TLV® STEL	0.37 mg/m <sup>3</sup> 0.3 ppm
Remark (ACGIH®)	TLV® Basis: URT & eye irr; URT cancer. Notations: DSEN; RSEN; A1 (Confirmed Human Carcinogen)
Regulatory reference	ACGIH 2026
<b>USA - OSHA - Occupational Exposure Limits</b>	
Local name	Formaldehyde
OSHA PEL TWA	0.75 ppm OSHA 1910.1048(c)(1)
OSHA PEL STEL	2 ppm OSHA 1910.1048(c)(2)
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

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### Formaldehyde (50-00-0)

#### USA - NIOSH - Occupational Exposure Limits

Local name	Formaldehyde
NIOSH REL 10h TWA	0.016 ppm
NIOSH REL C	0.1 ppm [15-min]
Remark (NIOSH)	Ca = Potential occupational carcinogens
Regulatory reference (US-NIOSH)	OSHA Annotated Table Z-1 (NIOSH Pocket Guide to Chemical Hazards (NPG))

### 8.2. Appropriate engineering controls

- Appropriate engineering controls : Ensure good ventilation of the work station. Use general ventilation, local exhaust ventilation, or process enclosure to keep the airborne concentrations below the permissible exposure limits. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.
- Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures, such as personal protective equipment

#### Personal protective equipment:

Personal protective equipment should be chosen according to national standards and in discussion with the supplier of the protective equipment. Wear recommended personal protective equipment. The following personal protective equipment is to be used in the event product is compromised.

#### Hand protection:

Hand protection should be chosen depending on activity. Wear protective gloves

#### Eye protection:

Where excessive dust may result, wear goggles

#### Skin and body protection:

Wear suitable protective clothing. Body protection should be chosen depending on activity and possible exposure

#### Respiratory protection:

In case of inadequate ventilation wear respiratory protection. Wear a NIOSH-approved dust/mist respirator if exposure exceeds permissible limits or to reduce discomfort and respiratory symptoms.

#### Personal protective equipment symbol(s):



## SECTION 9 Physical and chemical properties

### 9.1. Basic physical and chemical properties

- Physical state : Solid
- Appearance : Panel.
- Color : Tan Light brown
- Odor : Woody
- Odor threshold : No data available
- pH : No data available
- Melting point : No data available

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Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Flammability (solid, gas)	: May form combustible dust concentrations in air.
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: No data available
Solubility	: Insoluble.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Explosion limits	: No data available
Particle characteristics	: No data available

### 9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

## SECTION 10 Stability and reactivity

### 10.1. Reactivity

Wood and wood products are combustible.

### 10.2. Chemical stability

Stable under normal conditions of use.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Avoid dust generation. Keep away from open flames, hot surfaces and sources of ignition. Avoid exposure to incompatible products. Protect from moisture.

### 10.5. Incompatible materials

Strong acids. Strong oxidizing agents.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Thermal decomposition generates: Formaldehyde. Carbon dioxide. Carbon monoxide.

## SECTION 11 Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

#### Formaldehyde, oligomeric reaction products with phenol

LD50 oral rat	> 5000 mg/kg body weight
LD50 dermal rat	> 2000 mg/kg body weight
LC50 Inhalation - Rat	> 5 mg/l air

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<b>Imidacloprid</b>	
LD50 dermal rat	> 5000 mg/kg body weight
Skin corrosion/irritation	: Causes skin irritation.
<b>Formaldehyde, oligomeric reaction products with phenol</b>	
Human Skin Model (HSM) test	Not irritating
<b>Imidacloprid</b>	
Additional information	Not irritating to rabbits on cutaneous application
Serious eye damage/irritation	: Causes serious eye irritation.
<b>Formaldehyde, oligomeric reaction products with phenol</b>	
Serious eye damage/irritation, rabbit	Irritating to eyes
<b>Imidacloprid</b>	
Additional information	Not irritating to rabbits on ocular application
Respiratory or skin sensitization	: May cause an allergic skin reaction.
<b>Formaldehyde, oligomeric reaction products with phenol</b>	
Patch test, human	Sensitiser
Germ cell mutagenicity	: Not classified
Carcinogenicity	: May cause cancer.
Reproductive toxicity	: Not classified
STOT-single exposure	: May cause respiratory irritation.
<b>Wood (dust, chips, splinters), hardwood or softwood</b>	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	: Not classified
<b>Formaldehyde, oligomeric reaction products with phenol</b>	
NOAEL (oral, rat, 90 days)	1000 mg/kg body weight
<b>Imidacloprid</b>	
LOAEC (inhalation, rat, dust/mist/fume, 90 days)	0.0305 mg/l air
NOAEL (dermal, rat/rabbit, 90 days)	1000 mg/kg body weight
NOAEC (inhalation, rat, dust/mist/fume, 90 days)	0.0055 mg/l air
Aspiration hazard	: Not classified
Symptoms/effects after inhalation	: If dust are formed : May cause respiratory irritation.
Symptoms/effects after skin contact	: Dust may cause irritation in skin folds or by contact in combination with tight clothing. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Dust from this product may cause eye irritation.
Symptoms/effects after ingestion	: Not expected to present a significant ingestion hazard under anticipated conditions of normal use.
Chronic symptoms	: May cause cancer.

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### SECTION 12 Ecological information

#### 12.1. Ecotoxicity

Ecology - general	: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

#### Imidacloprid

LC50 - Fish [1]	161 mg/l
EC50 - Crustacea [1]	85 mg/l
EC50 72h - Algae [1]	> 100 mg/l
NOEC (chronic)	1.8 mg/l
NOEC chronic fish	9.02 mg/l

#### 12.2. Persistence and degradability

##### Gecko Ply Hardwood

Persistence and degradability	Not established.
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##### Wood (dust, chips, splinters), hardwood or softwood

Persistence and degradability	Not rapidly degradable
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##### Formaldehyde, oligomeric reaction products with phenol

Persistence and degradability	>60 % biodegradation Not rapidly degradable.
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##### Imidacloprid

Persistence and degradability	Not rapidly degradable
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#### 12.3. Bioaccumulative potential

##### Gecko Ply Hardwood

Bioaccumulative potential	Not established.
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#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

Ozone	: Not classified
Fluorinated greenhouse gases	: No

### SECTION 13 Disposal considerations

Regional waste regulation	: Disposal must be done according to official regulations.
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	: Disposal must be done according to official regulations.

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Product/Packaging disposal recommendations	: Comply with applicable regulations for solid waste disposal. Disposal must be done according to official regulations. Refer to all applicable national, international and local regulations or provisions.
Additional information	: Do not re-use empty containers.
Ecological waste information	: Avoid release to the environment.

### SECTION 14 Transport information

In accordance with DOT / IMDG / IATA

DOT	IMDG	IATA
<b>14.1. UN number</b>		
Not regulated for transport		
<b>14.2. Proper Shipping Name</b>		
Not regulated	Not regulated	Not regulated
<b>14.3. Transport hazard class(es)</b>		
Not regulated	Not regulated	Not regulated
<b>14.4. Packing group</b>		
Not regulated	Not regulated	Not regulated
<b>14.5. Environmental hazards</b>		
	Not regulated	
No supplementary information available		

### 14.6. Transport in bulk

Not applicable

### 14.7. Special precautions for user

#### DOT

Not regulated

#### IMDG

Not regulated

#### IATA

Not regulated

### SECTION 15 Regulatory information

#### 15.1. Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory, except for:

Wood (dust, chips, splinters), hardwood or softwood	CAS-No.	93 – 95%
Imidacloprid	CAS-No. 138261-41-3	< 0.003%
UV Filler	CAS-No.	< 2%

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This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

### 15.2. International regulations

#### CANADA

##### Formaldehyde, oligomeric reaction products with phenol (9003-35-4)

Listed on the Canadian DSL (Domestic Substances List)

##### Imidacloprid (138261-41-3)

Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

#### EU-Regulations

No additional information available

#### National regulations

##### Formaldehyde, oligomeric reaction products with phenol (9003-35-4)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

##### Imidacloprid (138261-41-3)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

### 15.3. State regulations



#### WARNING:

This product can expose you to Formaldehyde (gas), which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## SECTION 16 Other information

According to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

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#### Full text of hazard classes and H-statements

H301	Toxic if swallowed
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H320	Causes eye irritation
H335	May cause respiratory irritation
H350	May cause cancer.
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

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.