

# ColledgeGuard Fully Finished High Density (HDF) Fiberboard

Safety Data Sheet

Date of issue/Date of revision: 11/16/15

Date of previous issue: No previous issue

Version: 1



## ColledgeGuard Fully Finished High Density (HDF) Fiberboard

Safety Data Sheet

Date of issue: 11/16/2015

### Section 1: Identification

#### 1.1. Product Identifier

**Product Form:** Mixture

**Product Name:** High Density Fiberboard (HDF)

**Intended Use of the Product:** Doorskins, Cabinet and Furniture Parts

#### **Name, Address, and Telephone of the Responsible Party**

ColledgeGuard Inc

1951 Aviation Boulevard

Lincoln CA 95678

(916) 645-1555

[www.colledgeguardinc.com](http://www.colledgeguardinc.com)

#### 1.2. Emergency Telephone Number

**Emergency Number:** (916) 645-1555

### Section 2: Hazards Identification

#### 2.1. Classification of the Substance or Mixture

**Classification (GHS-US)**

**Comb.Dust**

**Carc. 1A** H350

**Repr. 2** H361

**STOT RE 1** H372

**Aquatic Acute 3** H402

Full text of H-phrases: see section 16

#### 2.2. Label Elements

**GHS-US Labeling**

**Hazard Pictograms (GHS-US)**



**Signal Word (GHS-US)**

**Hazard Statements (GHS-US)**

Danger

May form combustible dust concentrations in air.

H350 - May cause cancer.

H361 - Suspected of damaging fertility or the unborn child.

H372 - Causes damage to organs through prolonged or repeated exposure.

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.

P260 - Do not breathe vapors, mist, or spray.

# ColledgeGuard Fully Finished High Density (HDF) Fiberboard

## Safety Data Sheet

Date of issue/Date of revision: 11/16/15

Date of previous issue: No previous issue

Version: 1

P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product.  
P273 - Avoid release to the environment  
P280 - Wear protective gloves, protective clothing, and eye protection  
P308+P313 - If exposed or concerned: Get medical advice/attention.  
P314 - Get medical advice/attention if you feel unwell.  
P405 - Store locked up.  
P501 - Dispose of contents in accordance with local, regional, national, and international regulations.

### 2.3. Other Hazards

Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

### 2.4. Unknown Acute Toxicity (GHS-US) No data available

## Section 3: Composition/Information on Ingredients

### Substances

#### 3.1. Mixture

Name	% (w/w)	Product Identifier (CAS No)
Wood dust, soft woods	88 – 92	RR-00514-1
Slack wax, petroleum	< 1	64742-61-6
Ammonia	< 1	7664-41-7
Titanium Dioxide	< 1	13463-67-7
Silica, Crystalline-quartz	< 1	14808-60-7
Synthetic Amorphous Silica	< 1	7631-86-9
Synthetic Amorphous Silica	< 1	12174-11-7
Magnesium Aluminum Silica	< 1	12174-11-7
2-hydroxy-2-methylpropiophenon	< 1	7473-98-5
4,4'-(1-methylethylidene)bistripropyleneglycol diacrylate	< 1	
Laromer dpgda	< 1	
Trimethylolpropane triacrylata	< 1	
Mod polyester polyol acrylate	< 1	
	< 1	

Full text of H-phrases: see section 16

## Section 4: First Aid Measures

**General:** Never give anything by mouth to an unconscious person. IF exposed or concerned: Get medical advice/attention.

**Inhalation:** When symptoms occur: go into open air and ventilate suspected area. Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

**Skin Contact:** Remove contaminated clothing. Drench affected area with water for several minutes. Obtain medical attention if irritation develops or persists.

**Eye Contact:** Rinse cautiously with water for several minutes. Obtain medical attention if pain, blinking or redness persists. Remove contact lenses, if present and easy to do. Continue rinsing.

**Ingestion:** Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

### 4.1. Most Important Symptoms and Effects Both Acute and Delayed

# ColledgeGuard Fully Finished High Density (HDF) Fiberboard

## Safety Data Sheet

Date of issue/Date of revision: 11/16/15

Date of previous issue: No previous issue

Version: 1

**General:** May cause cancer. May damage fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure. Dust may cause mechanical irritation to eyes, nose, throat, and lungs.

**Inhalation:** May cause cancer by inhalation.

**Skin Contact:** Prolonged contact with large amounts of dust may cause mechanical irritation.

**Eye Contact:** Eye contact with large amounts of dust may cause mechanical irritation.

**Ingestion:** Ingestion is likely to be harmful or have adverse effects.

**Chronic Symptoms:** Causes damage to organs through prolonged or repeated exposure. May cause cancer. May damage fertility. May damage the unborn child.

### 4.2. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention.

## Section 5: Fire-fighting Measures

### 5.1. Extinguishing Media

**Suitable Extinguishing Media:** Alcohol-resistant foam. Dry powder. Carbon dioxide. Water spray. Sand.

**Unsuitable Extinguishing Media:** Do not use a heavy water stream.

### 5.2. Special Hazards Arising from the Substance or Mixture

**Fire Hazard:** Combustible Dust. Dust explosion hazard in air. Supports combustion. High temperatures. Under conditions of fire this material may produce: Carbon dioxide. Carbon monoxide.

**Explosion Hazard:** Avoid dust clouds in combination with static electricity. Dust clouds can be explosive.

**Reactivity:** Stable at ambient temperature and under normal conditions of use.

### 5.3. Advice for Firefighters

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Exercise caution when fighting any chemical fire. Do not allow run-off from fire fighting to enter drains or water courses.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** Carbon oxides (CO, CO<sub>2</sub>).

**Other Information:** Refer to Section 9 for flammability properties.

### Reference to Other Sections

Refer to section 9 for flammability properties.

## Section 6: Accidental Release Measures

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Avoid generating dust. Handle in accordance with good industrial hygiene and safety practice. Good housekeeping is needed during storage, transfer, handling, and use of this material to avoid excessive dust accumulation. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.

#### 6.1.1. For Non-Emergency Personnel

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

#### 6.1.2. For Emergency Personnel

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Ventilate area. Eliminate ignition sources.

### 6.2. Environmental Precautions

Prevent entry to sewers and public waters.

### 6.3. Methods and Material for Containment and Cleaning Up

**Methods for Cleaning Up:** Collect spillage. Avoid generation of dust during clean-up of spills. Vacuum must be fitted with HEPA filter to prevent release of particulates during clean-up. Practice good housekeeping - spillage can be slippery on smooth surface.

### 6.4. Reference to Other Sections

See Heading 8. Exposure controls and personal protection. For further information refer to section 13.

## Section 7: Handling and Storage

# ColledgeGuard Fully Finished High Density (HDF) Fiberboard

## Safety Data Sheet

Date of issue/Date of revision: 11/16/15

Date of previous issue: No previous issue

Version: 1

### 7.1. Precautions for Safe Handling

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures.

### 7.2. Conditions for Safe Storage, Including Any Incompatibilities

**Storage Conditions:** Keep in a cool, well ventilated place away from direct sunlight, heat sources and moisture.

**Incompatible Materials:** Strong acids. Strong bases. Strong oxidizers.

### 7.3. Specific End Use(s) Not available

## Section 8: Exposure Controls/Personal Protection

### 8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.

Wood dust, soft woods (RR-00514-1)		
USA NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup>
Ammonia (7664-41-7)		
USA ACGIH	ACGIH TWA (ppm)	25 ppm
USA ACGIH	ACGIH STEL (ppm)	35 ppm
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	35 mg/m <sup>3</sup>
USA OSHA	OSHA PEL (TWA) (ppm)	50 ppm
Silica, crystalline-quartz		
USA ACGIH TLV	ACGIH TLV (mg/m <sup>3</sup> 8 hrs.)	0.025 mg/m <sup>3</sup>
USA OSHA PEL	OSHA PEL (mg/m <sup>3</sup> 8 hrs.)	.1 mg/m <sup>3</sup>
Synthetic amorphous silica		
USA ACGIH TLV	ACGIH TLV (mg/m <sup>3</sup> 8 hrs.)	10 mg/m <sup>3</sup>
USA OSHA PEL	OSHA PEL (mg/m <sup>3</sup> 8 hrs.)	80mg/m <sup>3</sup>

### 8.2. Exposure Controls

**Appropriate Engineering Controls:** Provide adequate ventilation to minimize dust concentrations. Ensure all national/local regulations are observed. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment.

**Personal Protective Equipment:** Dust formation: dust mask. Gloves. Protective goggles. Dustproof clothing.



**Materials for Protective Clothing:** Chemically resistant materials and fabrics.

**Hand Protection:** Wear protective gloves.

**Eye Protection:** Chemical goggles or safety glasses.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** Approved dust mask is required for some finishing operations such as sawing or sanding where dust is created.

**Environmental Exposure Controls:** Do not allow the product to be released into the environment.

**Consumer Exposure Controls:** Do not eat, drink or smoke during use

## Section 9: Physical and Chemical Properties

### 9.1. Information on Basic Physical and Chemical Properties

Physical State	Solid
Appearance	Not Available
Odor	Not Available
Odor Threshold	Not Available

# ColledgeGuard Fully Finished High Density (HDF) Fiberboard

## Safety Data Sheet

Date of issue/Date of revision: 11/16/15

Date of previous issue: No previous issue

Version: 1

pH	Not Available
Evaporation Rate	Not Available
Melting Point	Not Available
Freezing Point	Not Available
Boiling Point	Not Available
Flash Point	Not Available
Auto-ignition Temperature	Not Available
Decomposition Temperature	Not Available
Flammability (solid, gas)	Not Available
Lower Flammable Limit	Not Available
Upper Flammable Limit	Not Available
Vaper Pressure	Not Available
Relative Vaper Density at 20°C	Not Available
Relative Density	Not Available
Specific Gravity	Not Available
Partial Coefficient: N-Octanol/water	Not Available
Viscosity	Not Available
Explosion Data-Sensitivity to Mechanical Impact	Not expected to present an explosion hazard due to mechanical impact.
Explosion Data-Sensitivity to Static Discharge	Static discharge could act as an ignition sorce.

## Section 10: Stability and Reactivity

- 10.1. Reactivity:** Stable at ambient temperature and under normal conditions of use.
- 10.2. Chemical Stability:** Stable under normal conditions.
- 10.3. Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.
- 10.4. Conditions to Avoid:** Direct sunlight. Extremely high or low temperatures. Protect from moisture. Use good housekeeping practices during storage, transfer, and handling, to avoid excessive dust accumulation.
- 10.5. Incompatible Materials:** Strong acids. Strong bases. Strong oxidizers.
- 10.6. Hazardous Decomposition Products:** Under conditions of fire this material may produce: Carbon oxides (CO, CO<sub>2</sub>).

## Section 11: Toxicological Information

### 11.1. Information on Toxicological Effects - Product

**Acute Toxicity:** Not classified

**LD50 and LC50 Data:** Not available

**Skin Corrosion/Irritation:** Not classified

**Serious Eye Damage/Irritation:** Not classified

**Respiratory or Skin Sensitization:** Not classified

**Germ Cell Mutagenicity:** Not classified

**Teratogenicity:** Not available

**Carcinogenicity:** May cause cancer.

**Specific Target Organ Toxicity (Repeated Exposure):** Causes damage to organs through prolonged or repeated exposure.

**Reproductive Toxicity:** Suspected of damaging fertility or the unborn child.

**Specific Target Organ Toxicity (Single Exposure):** Not classified

**Aspiration Hazard:** Not classified

**Symptoms/Injuries After Inhalation:** May cause cancer by inhalation.

**Symptoms/Injuries After Skin Contact:** Prolonged contact with large amounts of dust may cause mechanical irritation.

**Symptoms/Injuries After Eye Contact:** Eye contact with large amounts of dust may cause mechanical irritation.

**Symptoms/Injuries After Ingestion:** Ingestion is likely to be harmful or have adverse effects.

**Chronic Symptoms:** Causes damage to organs through prolonged or repeated exposure. May cause cancer. May damage

# ColledgeGuard Fully Finished High Density (HDF) Fiberboard

## Safety Data Sheet

Date of issue/Date of revision: 11/16/15

Date of previous issue: No previous issue

Version: 1

fertility.

### 11.2. Information on Toxicological Effects - Ingredient(s)

#### LD50 and LC50 Data:

Ammonia (7664-41-7)

LC50 Inhalation Rat	5.1 mg/l (Exposure time: 1 h)
LC50 Inhalation Rat	2000 ppm/4h Exposure time: 4h)
LS 50 Dermal Rat	4840 mg/kg
ATE US (vapors)	5.10 mg/l/4h
ATE US (dust, mist)	5.10 mg/l/4h

Wood dust, soft woods (RR-00514-1)

IARC Group	1
National Toxicology (NTP) Status	Known human carcinogens
OSHA Hazard Communication Carcinogen List	In OSHA Hazard Communication Carcinogen list.
Synthetic amorphous silica (7631-86-9)	
LD50 Dermal Rabbit	7500 mg/kg
LD50 Oral Rat	3160 mg/kg
Titanium dioxide	
IARC 2B	
Proprietary	
LD50 Oral Rat	4600 mg/kg
LD50 Dermal Rabbit	5170 mg/kg

## Section 12: Ecological Information

### 12.1. Toxicity

#### Ecology - General

Harmful to aquatic life with long lasting effects. Harmful to aquatic life.

Ammonia (7664-41-7)

LC50 Fish 1	0.44 mg/l (Exposure time: 96 h - Species: Cyprinus carpio)
EC50 Daphnia 1	25.4 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC 50 Fish 2	0.26 - 4.6 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)

### 12.2. Persistence and Degradability

May cause long-term adverse effects in the environment.

### 12.3. Bioaccumulative Potential

Not established.

Ammonia (7664-41-7)

Log Pow -1.14 (at 25 °C)

### 12.4. Mobility in Soil

Not available

### 12.5. Other Adverse Effects

**Other Information:** Avoid release to the environment.

## Section 13: Disposal Considerations

### 13.1. Waste treatment methods

Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

# ColledgeGuard Fully Finished High Density (HDF) Fiberboard

Safety Data Sheet

Date of issue/Date of revision: 11/16/15

Date of previous issue: No previous issue

Version: 1

## Section 14: Transport Information

- 14.1. In Accordance with DOT** Not regulated for transport  
**14.2. In Accordance with IMDG** Not regulated for transport  
**14.3. In Accordance with IATA** Not regulated for transport  
**14.4. In Accordance with TDG** Not regulated for transport

## Section 15: Regulatory Information

### 15.1. US Federal Regulations

#### SARA Section 311/312 Hazard Classes

Delayed (chronic) health hazard

#### Slack wax, petroleum (64742-61-6)

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

#### Ammonia (7664-41-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory Listed on the United States SARA Section 302

Listed on United States SARA Section 313

#### SARA Section 302 Threshold Planning Quantity (TPQ)

500

#### SARA Section 311/312 Hazard Classes

Fire hazard

Immediate (acute) health hazard

Sudden release of pressure hazard

#### SARA Section 313 - Emission Reporting

1.0 % (includes anhydrous Ammonia and aqueous Ammonia from water dissociable Ammonium salts and other sources, 10% of total aqueous Ammonia is reportable under this listing)

### 15.2. US State Regulations

Wood dust, soft woods (RR-00514-1)

#### U.S. - California - Proposition 65 - Carcinogens List

**WARNING:** This product contains chemicals known to the State of California to cause cancer.

Formaldehyde (50-00-0)

#### U.S. - California - Proposition 65 - Carcinogens List

**WARNING:** This product contains chemicals known to the State of California to cause cancer.

Wood dust, soft woods (RR-00514-1)

#### U.S. - New Jersey - Right to Know Hazardous Substance List

#### Ammonia (7664-41-7)

U.S. - Massachusetts - Right To Know List

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

U.S. - Pennsylvania - RTK (Right to Know) List

### 15.3. Canadian Regulations

#### WHMIS Classification

Class D Division 2 Subdivision A-Very toxic material causing other toxic effects  
Class D Division 2 Subdivision B-Toxic material causing other toxic effects

Wood dust, soft woods (RR-00514-1)

#### WHMIS Classification

Class D Division 2 Subdivision A-Very toxic material causing other toxic effects  
Class D Division 2 Subdivision B-Toxic material causing other toxic effects

Slack wax, petroleum (64742-61-6)

Listed on THE Canadian DSL (Domestic Substances List)

# ColledgeGuard Fully Finished High Density (HDF) Fiberboard

## Safety Data Sheet

Date of issue/Date of revision: 11/16/15

Date of previous issue: No previous issue

Version: 1

Ammonia (7664-41-7)

Listed on the Canadian DSL (Domestic Substances List)

Listed on the Canadian IDL (Ingredient Disclosure List)

IDL Concentration 1%

WHMIS Classification

Class A-Compressed Gas

Class B Division 1 Flammable Gas

Class D Division 1 Subdivision A-Very toxic material causing other toxic effects

Class E Corrosive Material

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

## Section 16: Other Information, Including Date of Preparation or Last Revision

**Date of Preparation** 11/11/15

**Revision Date** :

**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

### GHS Full Text Phrases:

Acute Tox. 3 (Inhalation:gas)	Acute toxicity (inhalation:gas) Category 3
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Acute 3	Hazardous to the aquatic environment - Acute Hazard Category 3
Aquatic Chronic 2	Hazardous to the aquatic environment - Chronic Hazard Category 2
Carc. 1A	Carcinogenicity Category 1A
Carc. 1B	Carcinogenicity Category 1B

Comb. Dust	Combustible Dust
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Flam. Gas 2	Flammable gases Category 2
Liquefied gas	Gases under pressure Liquefied gas
Repr. 2	Reproductive toxicity Category 2
Skin Corr. 1B	Skin corrosion/irritation Category 1B
STOT RE 1	Specific target organ toxicity (repeated exposure) Category 1
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H221	Flammable gas
Comb. Dust	May form combustible dust concentrations in air
H280	Contains gas under pressure; may explode if heated
H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage
H331	Toxic if inhaled
H335	May cause respiratory irritation
H350	May cause cancer
H361	Suspected of damaging fertility or the unborn child
H372	Causes damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H402	Harmful to aquatic life
H411	Toxic to aquatic life with long lasting effects

**Party Responsible for the Preparation of This Document**



# ColledgeGuard Fully Finished High Density (HDF) Fiberboard

Safety Data Sheet

Date of issue/Date of revision: 11/16/15

Date of previous issue: No previous issue

Version: 1

---

Colledgewood Inc

(916) 645-1555

*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.*