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Wood Patch & Full-Trowel Filler MSDS

1. Product Identification & Company Information

Substance or preparation trade name: WOODWISE Powdered Wood Filler (Dry Wood patch & Full-Trowel Filler)

Supplier:

Design Hardwood Products, Inc.
15060 N.E. 95th St.
Redmond, WA 98052

Telephone: 425-869-0859

Fax: 425-881-2704

Revision Date: February 1, 2007

2. Composition and Information on Ingredients

2.1 Chemical Characterization (Substances)

A mixture of inert fillers, thickeners, colors and vinyl copolymers designed to fill voids in hardwood flooring.

2.2 Information on Ingredients

Type	CAS No.	Substance	Content (Wt %)	
			Lower	Upper
INHA	1332-58-7	Kaolin	0.3	0.6
INHA	55965-84-9	5 chloro-2-methyl-4-isothiazoline-3-on and 2-methyl-4 isothiazoline-3-on in a ratio of 3:1	.066 ppm	4.4 ppm
INHA	1317-65-3	Limestone	50	50
INHA	14808-60-7	Silica Quartz	<.001	.3
INHA	51274-00-1	Iron Oxide	0.5	1.5
INHA	002634-33-5	1,2-Benzisothiazolin-3-one	.0005	.0015

3. Hazards Identification

3.1 Hazards Classifications

HMIS rating (product as packaged):
Health: 1 Fire: 1 Reactivity: 1 PPE: E

Note: Respiratory protection is only recommended in the event that ventilation or engineering controls are unable to maintain exposures below recommended levels; or in the event of a spill or other emergency response situation. Hazardous Materials Identification System and HMIS are registered trademarks of the National Paint and Coatings Association.

Canadian WHMIS Classification: None

3.2 Emergency Overview and Potential Hazards

This material is not hazardous under OSHA criteria. This material is not hazardous under WHMIS criteria.

Signal Word: WARNING

Physical Hazards: Nuisance dust.

Acute Health Effects:

Route of entry or possible contact: Eyes, skin, inhalation (in case of dust formation).

Eye contact: No toxic effects are expected.

Skin contact: May cause an allergic skin reaction

Inhalation: No toxic effects are known.

Ingestion: Not expected in industrial use.

Additional information on acute health effects: The toxicological evaluation is based on known effects of the active ingredient(s).

3.3 Further Information

Chronic Health Effects: Contains chemical(s) present at < 0.1% which may cause skin sensitization. A long-term exposure exceeding TLV can lead to damaging effects as a result of mechanical overloading of the respiratory tract.

Medical conditions which may be aggravated by exposure: Unknown.

Carcinogens/reproductive toxins: There are no carcinogenic ingredients present at or over 0.1% in this material. This material does not contain any reproductive toxins at or above OSHA or WHMIS reportable levels.

See Section 11 for Toxicological Information, if any.

4. First Aid Measures

- 4.1 General Information: Get medical attention if irritation occurs or if breathing becomes difficult.
- 4.2 After Inhalation: If inhaled, remove to fresh air; keep the victim lying down and restful.
- 4.3 After Contact With the Skin: If contact with skin, immediately flush skin with plenty of water or with water and soap. Remove contaminated clothing and shoes.
- 4.4 After Contact With the Eyes: If contact with eyes, immediately flush eyes with plenty of water. Get medical attention if irritation occurs.
- 4.5 After Swallowing: If swallowed, give victim several glasses of water. If swallowed, induce vomiting. Get medical attention if symptoms occur. Show label if possible.

5. Fighting Measures**5.1 Flammable Properties**

Flash point: Not applicable

Lower explosion limit (LEL): No data at hand

Autoignition temperature: No data at hand

- 5.2 **Fire and Explosion Hazards:** Dust may form explosive mixture with air. Electrostatic charging is possible.
- 5.3 **Recommended Extinguishing Media:** Water-spray jet, water-mist, carbon dioxide, dry chemical or foam-type extinguishing media.
- 5.4 **Unsuitable Extinguishing Media:** Sharp water jet.
- 5.5 **Special exposure hazards arising from the substance or preparation itself, combustion products and resulting gases:** At low oxygen level: acetic acid.
- 5.6 **Fire Fighting Procedures:** Fire fighters should wear full protective clothing including a self-contained breathing apparatus.

6. Accidental Release

- 6.1 **Precautions:** Avoid dust formation. Do not breathe dust.
- 6.2 **Containment:** Cover any spilled material in accordance with regulations to prevent dispersal by wind. Spills of material which could reach surface waters must be reported to the United States Coast Guard National Response Center's toll free phone number: 800-424-8802

6.3 Methods for Cleaning Up: Take up mechanically and dispose of according to local/state/federal regulations.

6.4 Further Information: Eliminate all sources of ignition. Observe notes under Section 7.

7. Handling & Storage

7.1 Handling

Precautions for safe handling: Avoid dust formation. There is increased danger of slipping if substance comes into contact with water.

Precautions against fire and explosion: Dust may form explosive mixture with air. Avoid formation of dust. Avoid dust deposit; remove dust regularly. Take precautionary measures against electrostatic charging.

7.2 Storage

Conditions for storage rooms and vessels: Observe precautionary measures against dust explosion.

Advice for storage of incompatible materials: Not applicable.

Further information for storage: Not applicable.

8. Exposure Controls/Personal Protection

8.1 Engineering Controls

Ventilation: Use with adequate ventilation.

Local exhaust: Yes (to maintain concentration below TLV).

8.2 Associate substance with specific control parameters such as limit values Threshold Limit Values (TLV):

CAS No.	Material	Type	mg/m ³	Dust Fract
	Particulates not otherwise classified	OSHA PEL	15.0	Inhalable Dust
	Particulates not otherwise classified	OSHA PEL	5.0	Respirable Dust
1332-58-7	Kaolin	OSHA PEL	15.0	Inhalable Dust
1332-58-7	Kaolin	OSHA PEL	5.0	Respirable Dust
	Particulates not otherwise classified	ACGIH TWA	10.0	Inhalable Dust
	Particulates not otherwise classified	ACGIH TWA	3.0	Respirable Dust
1332-58-7	Kaolin	ACGIH TWA	2.0	Respirable Dust
002634-33-5	1,2-Benzisothiazolin-3-one	OSHA PEL	0.1	Respirable Dust
51274-00-1	Iron Oxide	ACGIH TWA	5.0	As Iron
51274-00-1	Iron Oxide	OSHA PEL	10.0	As Iron
1317-65-3	Limestone	ACGIH TWA	10.0	Total
1317-65-3	Limestone	OSHA PEL	0.5	Total
14808-60-7	Silica Quartz	ACGIH TWA	0.1+	Respirable Dust
14808-60-7	Silica Quartz	OSHA PEL	0.1	Respirable Dust

Regarding particulates not otherwise classified: The value is for particulate matter containing no asbestos and < 1% crystalline silica (ACGIH).

8.3 Personal Protection Equipment (PPE)

Respiratory protection: In case of dust formation: A NIOSH approved air purifying respirator fitted with at least P-99 solid/aerosol particulate filters is recommended if overexposure to dust or aerosol mist could occur.

Hand protection: Rubber gloves.

Eye protection: Tight fitting chemical safety goggles.

Other protective clothing or equipment: Protective clothing to cover exposed areas of arms, legs and torso. In case

of dust formation: antistatic clothing and shoes. Provide eye bath and safety shower

8.4 General Hygiene Protection Measures

Avoid breathing dust/vapor/mist/gas/aerosol. Avoid contact with eyes, skin and clothing. Do not eat, drink or smoke when handling. Wash thoroughly after handling.

9. Physical & Chemical Characteristics

9.1 Appearance:

Physical state/form: Paste

Color: colored

Odor: Odorless

9.2 Safety Parameters:

Flash point: Not applicable

Autoignition temperature: No data at hand

Lower explosion limit (LEL): No data at hand

Vapor pressure: Not applicable

Bulk density: 1.8

Water solubility/miscibility: Dispersable

pH value: 4.5 - 5.5

Viscosity (dynamic): Not applicable

9.3 Further Information

Product forms dispersions with water.

Thermal decomposition: No data at hand

10. Stability

10.1 General Information: If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

10.2 Conditions to Avoid: None known.

10.3 Materials to Avoid: None known.

10.4 Hazardous Decomposition Products: If stored in accordance with standard practices and local regulations where applicable: none known. At increased temperature: acetic acid.

11. Toxicological Information

11.1 General Information: No toxicological testing has been done on this product

Primary Irritation: 1,2-benzisothiazolin-3-one (BIT) the biocidal active ingredient in this product, has potential to induce human skin sensitization.

Regulated Carcinogen(s): This product contains no components present at concentrations equal to or greater than 0.1% listed by IARC, NTP or ACGIH as a carcinogen.

12. Ecological Information

Eco-toxicity: The biocidal active ingredient, BIT, is toxic to fish (96 HR LC50, 5-50 mg/L) and very toxic to algae (72 HR EC50 0.37 mg/L).

12.1 Information on Elimination (persistence and degradability)

Biodegradation: Not easily biodegradable.

Further information: Insoluble in water. Polymer components: Elimination by adsorption in activated sludge. Separation by flocculation is possible.

12.2 Behavior in Environmental Compartments

Further information: No harmful effects expected.

12.3 Eco-toxicological Effects

Evaluation in analogy to a similar tested product. Likelihood of damaging effect on water organisms.

Effects in sewage treatment plants (bacterial toxicity: respiration/reproduction inhibition): According to current experience, no damaging effect on water purification plants after adaptation expected.

12.4 Further Ecological Information

General information: Do not introduce into waters and into soil. Only introduce into water purification plants in diluted state. No environmental problems expected if handled and treated in accordance with standard industrial practices and local regulations where applicable.

13. Disposal Considerations

13.1 Product Disposal

Recommendation: Incineration or deposit together with domestic waste is possible. Observe local/state/federal regulations.

13.2 Packaging Disposal

Recommendation: Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or reused. Observe local/state/federal regulations.

Recommended cleaning agent: Water.

14. Transport Information

14.1 US DOT and Canada TDG Surface

Valuation: Not regulated

14.2 Transport by Sea IMDG Code

Valuation: Not regulated

14.4 Air transport ICAO-TI/IATA-DGR

Valuation: Not regulated

15. Regulatory Information

15.1 U.S. Federal Regulations

TACA inventory status and TSCA information: This material or its components are listed on or are in compliance with the requirements of the TSCA Chemical Substance Inventory.

TSCA 12(b) export notification: This material does not contain any TSCA 12(b) regulated chemicals.

CERCLA regulated chemicals: This material does not contain any CERCLA regulated chemicals.

SARA 302 EHS chemicals: This material does not contain any SARA extremely hazardous substances.

SARA 311/312 hazard class: This product does not present any SARA 311/312 hazards.

SARA 313 chemicals: This material does not contain any SARA 313 chemicals above de minimis levels.

HAPS: 108-05-04 Vinyl acetate

15.2 U.S. State Regulations

California Proposition 65 carcinogens: This material contains crystalline silica, known to the state of California to cause cancer.

California Proposition 65 reproductive toxins: This material does not contain any chemicals known to the state of California to cause reproductive effects.

Massachusetts Substance List: 1332-58-7 Kaolin

New Jersey Right-to-Know Hazardous Substance List: This material contains listed components.

Pennsylvania Right-to-Know Hazardous Substance List: 1332-58-7 Kaolin

15.3 Canadian Regulations

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

WHMIS hazard classes: None.

DSL status: This material or its components are listed on the Canadian Domestic Substances List.

Non-DSL chemicals: This material does not contain any non-DSL chemicals.

Canadian Ingredient Disclosure List: This material contains no listed components.

15.4 Other International Regulations

EU Risk Phrases:

R-Phrase	Description
R43	May cause sensitization by skin contact.

EU Safety Phrases:

S-Phrase	Description
S36/37	Wear suitable protective clothing and gloves.

Details of international registration status: Listed on the following inventories: EINECS – Europe.

16. Other Information

16.1 Additional Information:

This Material Safety Data Sheet (MSDS) meets the requirements of the Federal OSHA Hazard Communication Standard (29 CFR 1910.1200). This product has been classified according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR. This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief accurate and reliable as of the date compiled. However, no representation, warranty or guarantee expressed or implied, is made as to its accuracy, reliability or completeness. It's the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information. Nothing herein shall be construed as a recommendation for uses, which infringe valid patents, or as extending a license under valid patents. This MSDS provides selected regulatory information on this product, including its components. This is not intended to include all regulations. It's the responsibility of the user to know and comply with all applicable rules, regulations and laws relating to the product being used.

16.2 Glossary of Terms:

ACGIH – American Conference of Governmental Industrial Hygienists
DOT – Department of Transportation
hPa – Hectopascals
OSHA – Occupational Safety and Health Administration
PEL – Permissible Exposure Limit
ppm – parts per million
SARA – Superfund Amendments and Reauthorization Act
STEL – Short Term Exposure Limit
TSCA – Toxic Substances Control Act
TWA – Time Weighted Average
WHMIS – Canadian Workplace Hazardous Materials Identification System

Flashpoint Determination Methods: Common Name:

ASTM D56	Tagliabue (Tag) closed cup
ASTM D92, DIN 51376, ISO 2592	Cleveland open cup
ASTM D93, DIN 51758, ISO 2719	Pensky-Martens closed cup
ASTM D3278, DIN 55680, ISO 3679	Setaflash or Rapid closed cup
DIN 51755	Abel-Pensky closed cup