



# SAFETY DATA SHEET

## 1. Identification

<b>Product identifier</b>	<b>USG Custom White &amp; Wood Fiber Ceiling Panels</b>
<b>Other means of identification</b>	
<b>SDS number</b>	41000000001
<b>Additional Products</b>	Lace™, Orleans™, Tivoli™ Class C Wood Fiber Ceiling Panels
<b>Synonyms</b>	Wood Fiber Ceiling Tile/Panel
<b>Recommended use</b>	These products are used as ceiling tiles ceiling panels and other various applications.
<b>Recommended restrictions</b>	Use in accordance with manufacturer's recommendations.
<b>Manufacturer/Importer/Supplier/Distributor information</b>	
<b>Company name</b>	USG Interiors, LLC
<b>Address</b>	550 West Adams Street Chicago, Illinois 60661-3637
<b>Telephone</b>	1-800-874-4968
<b>Website</b>	www.usg.com
<b>Emergency phone number</b>	1-613-996-6666 (CANUTEC)

## 2. Hazard(s) identification

<b>Physical hazards</b>	Not classified.
<b>Health hazards</b>	Not classified.
<b>OSHA defined hazards</b>	Not classified.
<b>Label elements</b>	
<b>Hazard symbol</b>	None.
<b>Signal word</b>	None.
<b>Hazard statement</b>	None.
<b>Precautionary statement</b>	
<b>Prevention</b>	Observe good industrial hygiene practices.
<b>Response</b>	Get medical attention/advice if you feel unwell.
<b>Storage</b>	Store as indicated in Section 7.
<b>Disposal</b>	Dispose of in accordance with local, state, and federal regulations.
<b>Hazard(s) not otherwise classified (HNOC)</b>	None known.

## 3. Composition/information on ingredients

### Mixtures

<b>Chemical name</b>	<b>CAS number</b>	<b>%</b>
Wood fiber	Not Applicable	> 93
Starch	9005-25-8	< 5
Wax	8002-74-2	< 2

**Composition comments** The components declared herein are not considered hazardous components as per WHMIS and OSHA, 29 CFR 1910.1200 legislations.

As per OSHA and WHMIS the above products are considered consumable items and do not require SDS. However we want to disclose as much as possible information relating to health and safety, to ensure that the product is handled and used properly. This SDS contains valuable information for safe handling and proper use of the product. This SDS should be retained and available for employees and other users.

## 4. First-aid measures

<b>Inhalation</b>	In case of inhalation of gas or vapor, remove person to fresh air. If breathing is difficult or ceases, administer oxygen. If symptoms persist, consult a physician.
<b>Skin contact</b>	Wash skin with soap and water. If irritation persists, consult a physician.
<b>Eye contact</b>	Flush eyes with water for 15 to 20 minutes. If irritation persists, consult a physician.
<b>Ingestion</b>	This product is not intended to be eaten. Ingestion is unlikely to occur. If ingestion occurs, consult a physician.
<b>Most important symptoms/effects, acute and delayed</b>	This product is not expected to produce any unusual hazards during normal use. Exposure to high dust levels may cause skin, eyes, throat or upper respiratory tract irritations.
<b>Indication of immediate medical attention and special treatment needed</b>	Provide general supportive measures and treat symptomatically.
<b>General information</b>	Ensure that medical personnel are aware of the material(s) involved.

## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Use dry powder, foam and water spray or appropriate extinguishing media for surrounding materials on fire.
<b>Unsuitable extinguishing media</b>	Not available.
<b>Specific hazards arising from the chemical</b>	When in contact with an ignition source, wood dust can be an explosion hazard.
<b>Special protective equipment and precautions for firefighters</b>	Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire fighting equipment/instructions</b>	Use standard firefighting procedures and consider the hazards of other involved materials.
<b>Specific methods</b>	Cool material exposed to heat with water spray and remove it if no risk is involved.

## 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	See Section 8 of the SDS for Personal Protective Equipment.
<b>Methods and materials for containment and cleaning up</b>	The finished product is a wood-based solid. Follow all local, municipal, provincial, state and federal regulations. To remove, use standard means approved for disposal. Dispose in a landfill or use any other method prescribed by regulation.
<b>Environmental precautions</b>	Avoid discharge to drains, sewers, and other water systems.

## 7. Handling and storage

<b>Precautions for safe handling</b>	Dust can form an explosive mixture in air. Provide appropriate exhaust ventilation at machinery and at places where dust can be generated. Use personal protective equipment as required (see section 8). Avoid frequent or prolonged inhalation of wood dust. Wear the appropriate respiratory protection against dust in poorly ventilated areas and if TLV is exceeded (see Sections 2 and 8). Use good safety and industrial hygiene practices. Avoid contact with humidity and water. Presence of water may lead to mold growth.
<b>Conditions for safe storage, including any incompatibilities</b>	Store flat, in a dry, well ventilated place and away from sources of excessive heat. Product should be protected from the weather and direct sunlight.

## 8. Exposure controls/personal protection

### Occupational exposure limits

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
Starch (CAS 9005-25-8)	PEL	5 mg/m <sup>3</sup>	Respirable fraction.
		15 mg/m <sup>3</sup>	Total dust.

#### US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Starch (CAS 9005-25-8)	TWA	10 mg/m <sup>3</sup>	

## US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Wax (CAS 8002-74-2)	TWA	2 mg/m <sup>3</sup>	Fume.

## US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
Starch (CAS 9005-25-8)	TWA	5 mg/m <sup>3</sup>	Respirable.
		10 mg/m <sup>3</sup>	Total
Wax (CAS 8002-74-2)	TWA	2 mg/m <sup>3</sup>	Fume.

### Biological limit values

No biological exposure limits noted for the ingredient(s).

### Appropriate engineering controls

Provide sufficient ventilation, i.e., enough to control airborne dust levels. Use ventilation to keep dust concentrations below permissible exposure limits. If cutting or trimming with power tools, dust collectors and local ventilation should be used. Avoid unnecessary exposure to dust and handle with care. Keep work area clean of dust by using an industrial vacuum cleaner with high efficiency filter or wetting down area with water. Never use compressed air and avoid dry sweeping. If engineering controls are not possible, use safety glasses, gloves and dust respirator mask. Wear a NIOSH/MSHA approved respirator with cartridges in poorly ventilated areas or if TLV is exceeded.

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

#### Eye/face protection

Wear approved safety goggles.

#### Skin protection

##### Hand protection

It is a good industrial hygiene practice to minimize skin contact. For prolonged or repeated skin contact use suitable protective gloves.

##### Other

Normal work clothing (long sleeved shirts and long pants) is recommended.

#### Respiratory protection

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Use a NIOSH/MSHA approved air purifying respirator as needed to control exposure. Consult with respirator manufacturer to determine respirator selection, use, and limitations. Use positive pressure, air-supplied respirator for uncontrolled releases or when air purifying respirator limitations may be exceeded. Follow respirator protection program requirements (OSHA 1910.134 and ANSI Z88.2) for all respirator use. Observe any medical surveillance requirements.

#### Thermal hazards

None.

### General hygiene considerations

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Observe any medical surveillance requirements.

## 9. Physical and chemical properties

### Appearance

#### Physical state

Solid.

#### Form

Panel.

#### Color

White/Brown

### Odor

Neutral.

### Odor threshold

Not available.

### pH

Not applicable.

### Melting point/freezing point

Not applicable.

### Initial boiling point and boiling range

Not applicable.

### Flash point

Not available.

### Evaporation rate

Not available.

### Flammability (solid, gas)

Not available.

### Upper/lower flammability or explosive limits

#### Flammability limit - lower (%)

Not available.

#### Flammability limit - upper (%)

Not available.

#### Explosive limit - lower (%)

Not available.

<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Relative density</b>	0.2 - 0.28 (H <sub>2</sub> O=1)
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Insoluble.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	> 752 °F (> 400 °C)
<b>Viscosity</b>	Not applicable.
<b>Other information</b>	
<b>Bulk density</b>	12 - 17 lb/ft <sup>3</sup>
<b>VOC (Weight %)</b>	N/A (solid)

## 10. Stability and reactivity

<b>Reactivity</b>	The product is stable and non reactive under normal conditions of storage and transport.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid</b>	Contact with moisture and humidity may alter the product and even cause some mold development.
<b>Incompatible materials</b>	None.
<b>Hazardous decomposition products</b>	The decomposition products are those expected from wood. These decomposition products may include carbon oxides and carbon particles. Thermal-oxidative degradation of wood produces irritating fumes and gases.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation</b>	Exposure to dust produced during handling or cutting the product may cause eye, skin, nose, throat and upper respiratory tract irritation. Extreme exposure to large amounts of dust may cause labored breathing and sneezing. If there is too much dust in the air, leave the area. If respiratory symptoms persist, consult a physician. Panel or tiles do not release dust when installed, thus, they do not represent any known hazard in that state.
<b>Skin contact</b>	Direct contact with skin may cause temporary irritation. Rubbing of this product on skin may cause mechanical abrasion. If symptoms persist, consult a physician. Wood dust depending on tree essence may cause irritation or dermatitis. This is a remote possibility because wood fiber manufacturing process removes most of the compounds responsible for skin irritation.
<b>Eye contact</b>	Dust may cause mechanical irritation. If burning, redness, itching or other symptoms persist, consult a physician.
<b>Ingestion</b>	This product is not intended to be eaten. Unlikely to occur, but may cause an irritation of the gastrointestinal tract, throat and stomach.

<b>Symptoms related to the physical, chemical and toxicological characteristics</b>	This product is not expected to produce any unusual hazards during normal use. Exposure to high dust levels may cause skin, eyes, throat or upper respiratory tract irritations.
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### Information on toxicological effects

<b>Acute toxicity</b>	None are known for the product. However, direct contact with any dust, including wood dust, can mildly irritate mucous membranes of your nose and eyes.
<b>Skin corrosion/irritation</b>	None are known for the product.
<b>Serious eye damage/eye irritation</b>	None are known for the product. However, direct contact with any dust, including wood dust, can mildly irritate mucous membranes of your nose and eyes.
<b>Respiratory or skin sensitization</b>	
<b>Respiratory sensitization</b>	None are known for the product. However, repeated contact with wood dust can cause skin irritation, dermatitis or respiratory sensitization or irritation, because of the quinolic content of some wood essence.

<b>Skin sensitization</b>	None are known for the product. However, repeated contact with wood dust can cause skin irritation, dermatitis or respiratory sensitization or irritation, because of the quinolic content of some wood essence.
<b>Germ cell mutagenicity</b>	None are known for the product.
<b>Carcinogenicity</b>	None are known for the product.

Untreated wood dust or saw dust: The International Agency for Research on Cancer (IARC) classifies untreated wood dust as a Group I human carcinogen. The classification is based primarily on IARC's evaluation of increased risk in the occurrence of adenocarcinomas of the nasal cavities and paranasal sinuses associated with occupational exposures of untreated wood dust. Epidemiological studies have been reported on carcinogenic risks of employment in the furniture-making industry, the carpentry industry, and the lumber and sawmill industry. IARC has reviewed these studies and reports that there is sufficient evidence that nasal carcinomas have been caused by employment in the furniture-making industry where the excess risk is associated with exposure to untreated wood dust or sawdust from hardwood species. IARC concluded that epidemiological data are not sufficient to make a definite assessment of the carcinogenic risk of employment as a carpenter or worker in a lumber mill or sawmill.

#### **IARC Monographs. Overall Evaluation of Carcinogenicity**

Wood fiber (CAS Not Applicable) 1 Carcinogenic to humans.

#### **NTP Report on Carcinogens**

Wood fiber (CAS Not Applicable) Known To Be Human Carcinogen.

#### **OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not listed.

<b>Reproductive toxicity</b>	None are known for the product.
<b>Specific target organ toxicity - single exposure</b>	None are known for the product.
<b>Specific target organ toxicity - repeated exposure</b>	None are known for the product.
<b>Aspiration hazard</b>	None are known for the product.

## **12. Ecological information**

<b>Ecotoxicity</b>	The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
<b>Persistence and degradability</b>	No data is available on the degradability of this product.
<b>Bioaccumulative potential</b>	Bioaccumulation is not expected.
<b>Mobility in soil</b>	No data available.
<b>Other adverse effects</b>	None expected.

## **13. Disposal considerations**

<b>Disposal instructions</b>	The finished product is a wood-based solid. It may be recycled in local facilities. If unable to recycle dispose of the material in accordance with all local, municipal, provincial, state and federal regulations. Use standard means approved for disposal. Dispose in a landfill or use any other method prescribed by regulation.
<b>Local disposal regulations</b>	Dispose of in accordance with local regulations.
<b>Hazardous waste code</b>	Not regulated.
<b>Waste from residues / unused products</b>	Dispose of in accordance with local regulations.
<b>Contaminated packaging</b>	Dispose of in accordance with local regulations.

## **14. Transport information**

<b>DOT</b>	Not regulated as dangerous goods.
<b>IATA</b>	Not regulated as dangerous goods.
<b>IMDG</b>	Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not available.

## 15. Regulatory information

**US federal regulations** All the ingredients contained in the product are included in U.S. Environmental Protection Agency's Toxic Substances Control Act Chemical Substance Inventory.

This product does not contain hazardous component as per WHMIS and OSHA, 29 CFR 1910.1200, SARA 302, 304 and 313, CERCLA, CAA section 112 or RCRA hazardous legislations.

As per OSHA and WHMIS the above products are considered consumable items and do not require SDS. However we want to disclose as much as possible information relating to health and safety, to ensure that the product is handled and used properly. This SDS contains valuable information for safe handling and proper use of the product. This SDS should be retained and available for employees and other users.

### **TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

### **OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not listed.

### **CERCLA Hazardous Substance List (40 CFR 302.4)**

Not listed.

### **Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories** Immediate Hazard - No  
Delayed Hazard - No  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No

### **SARA 302 Extremely hazardous substance**

Not listed.

**SARA 311/312 Hazardous chemical** No

### **SARA 313 (TRI reporting)**

Not regulated.

### **Other federal regulations**

#### **Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

#### **Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated.

**Safe Drinking Water Act (SDWA)** Not regulated.

### **US state regulations**

#### **US. Massachusetts RTK - Substance List**

Starch (CAS 9005-25-8)

Wax (CAS 8002-74-2)

#### **US. New Jersey Worker and Community Right-to-Know Act**

Wax (CAS 8002-74-2)

Wood fiber (CAS Not Applicable)

#### **US. Pennsylvania Worker and Community Right-to-Know Law**

Starch (CAS 9005-25-8)

Wax (CAS 8002-74-2)

Wood fiber (CAS Not Applicable)

#### **US. Rhode Island RTK**

Not regulated.

#### **US. California Proposition 65**

WARNING: This product contains a chemical known to the State of California to cause cancer.

**US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance**

Wood fiber (CAS Not Applicable)

**16. Other information, including date of preparation or last revision**

**Issue date** 08-June-2015

**Revision date** -

**Version #** 01

**Further information** NFPA Ratings:  
Health: 1  
Flammability: 0  
Physical hazard: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

**NFPA ratings**



**List of abbreviations**

NFPA: National Fire Protection Association.

**Disclaimer**

This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.