

# SAFETY DATA SHEET



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## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Face Grade Putty  
**Product Number:** TIS-W-231SG1  
**Date Prepared:** June 15, 2015  
**Responsible name:** Regulatory and Safety Compliance  
**Relevant uses of this product:** For Synthetic Repairs of minor defects in product standard PS-1 softwoods plywood, construction and industrial.

## SECTION 2. HAZARDS IDENTIFICATION

**OSHA/HCS Status:** This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

**Classification of the Substance or mixture:** Not Classified.

**GHS label elements:**  
**Signal Word:** No Signal Word

**Hazard statements:** No known significant effects or critical hazards

### **Precautionary Statements:**

**General:** Read label before use. Keep out of reach of children. If medical advice is needed have product container, label or this SDS at hand.

**Prevention:** Not applicable.

**Response:** Not applicable

**Storage:** Not applicable

**Disposal:** Not applicable

**Hazards not otherwise Classified:** None known.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Substance/Mixture:** Mixture

<b>Ingredient name:</b>	<b>%</b>	<b>CAS number</b>
Wood Dust particles	1-5	9004-34-6
Crystalline silica respirable	<1	14808-60-7

Occupational exposure limits, if available are listed in Section 8.

Any concentration shown as a range is to protect confidentiality or is due to batch variation. Based on intended use and resulting curing of this product, exposure to the above substances should only occur during sanding or other disruptive forces on this product that would produce dusts or other respirable residues. There are no additional ingredients present in this product that require reporting in this section.

**SECTION 4. FIRST AID MEASURES**

**Description of necessary first aid measures:**

**EYE CONTACT:** Immediately flush with large quantities of clean water for at least 15 minutes, lifting upper and lower eyelids occasionally. Check for and remove any contact lenses. Get medical attention if irritation persists.

**INHALATION:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.  
Repeated or prolonged skin contact with liquid may cause irritation.

**SKIN CONTACT:** Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

**INGESTION:** Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

**Most important symptoms/effects, acute and delayed:**

**Potential acute health effects:**

**Eye contact:** No known significant effects or critical hazards.  
**Inhalation:** No known significant effects or critical hazards  
**Skin Contact:** No known significant effects or critical hazards  
**Ingestion:** No known significant effects or critical hazards

**Over-exposure signs/symptoms:**

**Eye contact:** No Specific data  
**Inhalation:** No Specific data  
**Skin contact:** No Specific data  
**Ingestion:** No Specific data

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

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**Notes to physician:** Treat symptomatically. Contact; poison treatment specialist immediately if large quantities have been ingested or inhaled.

**Specific treatments** No specific treatment...

**Protection of first-aiders** No action shall be taken involving any personal risk or without suitable training.

### Section 5. Fire-fighting measures

#### **Extinguishing Media:**

**Suitable extinguishing Media:** Use an extinguishing agent suitable for the surrounding fire.

**Unsuitable extinguishing Media:** None Known

**Specific hazards arising:** In a fire or if heated, a pressure increase will occur and the container may burst.

**Hazardous thermal:** Decomposition products may include carbon dioxide and/or carbon monoxide

**Special protective actions:** Promptly isolate the scene by removing all persons from the area of the incident

**Fire-fighters:** there is a fire. No action shall be taken involving any personal risk or without suitable training.

**Special protective:** Fire-fighters should wear appropriate protective equipment and self-contained

**Equipment for fire-fighters:** breathing apparatus (SCBA) with full face-piece operated in positive pressure mode.

**Remark:** This product is non-flammable-non-combustible

### SECTION 6. ACCIDENTAL SPILL OR RELEASE PROCEDURES

#### **Personal precautions, protective equipment and emergency procedures:**

**For non-emergency Personnel:** No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering.

Do not touch or walk through spilled material. Put on appropriate personal protective equipment.

#### **For emergency responders:**

If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

#### **Environmental precautions:**

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

#### **Methods and materials for containment and cleaning up:**

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**Small spill:** Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**Large spill:** Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillage into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## SECTION 7. HANDLING AND STORAGE

### **Precautions for safe handling:**

**Protective measures:** Put on appropriate personal protective equipment (see Section 8).

### **Recommended general occupational hygiene:**

Eating, drinking, smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking, and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

### **Conditions for safe Storage, including any incompatibilities:**

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## SECTION 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION EQUIPMENT

### **Control parameters:**

#### **Occupational exposure limits:**

**NOTE! Exposure to the following substances may occur when sanding this cured product.**

<b>Ingredient name:</b>	<b>Exposure Limits</b>
<b>Wood dust particles:</b>	<b>ACGIH (United States 1/2013)</b> TWA: 1.0 mg/m <sup>3</sup> A4 Not Classifiable as a Human Carcinogen
<b>Crystalline Silica Respirable:</b>	<b>OSHA PEL 1989 (United States 3/2012).</b> TWA 0.025 mg/m <sup>3</sup> (as Quartz) 8 hours Form: Respirable Dust <b>ACGIH TLV (United States, 3/2012).</b> TWA: 0.025 mg/m <sup>3</sup> 8 hours. Form: Respirable fraction

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**Engineering measures:** Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**Environmental Exposure:** Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures:

**Hygiene measures:** Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location. Approved waterless hand cleaners are effective for removing this material.

**Eye/face protection:** Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: Safety glasses with side shields.

**Skin protection:**

**Hand protection:** Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

**Body protection:** Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other skin protection:** Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection:** If a risk assessment indicates need of respirator, use a properly fitted appropriately designed approved respirator for the anticipated exposure protection.

**Note!** **This product contains materials classified as nuisance particulates which may be present at hazardous levels only during sanding or abrading of the dried product. Wear an approved dust/mist respirator as determined by risk assessment.**

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid (Paste)  
**Color:** Light Buff  
**Odor:** Slight Latex odor  
**Boiling Point:** >200 deg. F  
**Vapor Pressure:** Not Available

## Technical Industrial Sales, (TIS-W-231SG1)

<b>Vapor Density:</b>	>1 (Air = 1)
<b>Specific Gravity:</b>	1.88-1.90
<b>% Solids Weight:</b>	77%
<b>Percent Volatiles:</b>	Approx. 41% by vol. (as water)
<b>VOC:</b>	0.0
<b>HAPS:</b>	None
<b>Evaporation Rate:</b>	Not determined for product
<b>PH:</b>	9.0 +/- 0.5
<b>Flash Point:</b>	Not Determined
<b>Flammability:</b>	Non-flammable
<b>Solubility:</b>	Dispersible in Water
<b>Viscosity:</b>	Set to Customer Requirements

### SECTION 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	Not available for product
<b>Chemical stability:</b>	This product is stable
<b>Hazardous reactions:</b>	Will not occur
<b>Conditions to Avoid:</b>	None Known
<b>Incompatibility:</b>	No specific data
<b>Hazardous Decomposition:</b>	Under normal use, hazardous decomposition products should not be produced.

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Information on toxicological effects:

<b>Acute toxicity:</b>	<u>Product/ingredient name</u>	<u>Result</u>	<u>Species</u>	<u>Dose</u>	<u>Exposure</u>
	Wood dust particles	LD50 Oral	Rat	>5 g/kg	NA

<b>Irritation/Corrosion:</b>	Not Available
<b>Sensitization:</b>	Not Available
<b>Mutagenicity:</b>	Not Available
<b>Carcinogenicity:</b>	Not Available

**Note!** Limestone and natural iron oxide ingredients in this product contain crystalline silica as an impurity. Repeated, prolonged exposure to respirable crystalline dusts may increase the risk of developing a disabling lung disease called silicosis. The International Agency for Research on Cancer (IARC) reports there is sufficient evidence in humans for the carcinogenicity of inhaled crystalline silica from occupational sources. Based on the studies of workers in industrial and occupational settings, The National Toxicology Program (NTP) Ninth Report on Carcinogens lists crystalline silica (respirable) as a substance known to be a carcinogen to humans.

#### Classification:

Product/ingredient name:	<u>OSHA</u>	<u>IARC</u>	<u>NTP</u>
<b>Wood dust particles</b>	NA	NA	NA
<b>Crystalline Silica respirable</b>	NA	NA	Known to be a human Carcinogen

**Reproductive Toxicity:**  
Not Available

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**Teratogenicity:**

Not Available

**Specific target organ toxicity (single or repeated exposure):**

Not Available

**Aspiration Hazard:**

Not Available

**Likely routes of exposure:** Routes of entry anticipated: Dermal, Inhalation

**Potential chronic health effects**

Not Available

**Conclusion/Summary:**

Handling and/or processing of this material may generate a dust which can cause mechanical irritation of the eyes, skin, nose, and throat. Repeated inhalation of dust can produce varying degrees of respiratory irritation or lung damage.

**General:**

No known significant effects or critical hazards

**Carcinogenicity:**

No known significant effects or critical hazards

**Mutagenicity:**

No known significant effects or critical hazards

**Teratogenicity:**

No known significant effects or critical hazards

**Developmental effects:**

No known significant effects or critical hazards

**Teratogenicity:**

No known significant effects or critical hazards

**Fertility affects:**

No known significant effects or critical hazards

**Acute toxicity estimates:**

Not Available

**SECTION 12. ECOLOGICAL INFORMATION**

**Toxicity:**

Not Available

**Persistence and degradability:**

Not Available

**Other adverse effects:** No known significant effects or critical hazards

**SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal Methods:**

EPA HAZARDOUS WASTE CODE: NONE

Generation of wastes should be avoided or minimized. Product must be disposed of properly by a licensed waste disposal contractor under Federal and State regulations for industrial wastes. Recommended disposal is incineration or Disposal in a Class D landfill of absorbed wastes pending approval. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

As delivered, this product when spilled, released or disposed of, is a non-hazardous waste as defined in RCRA regulations 40 CFR Part 261.

**SECTION 14. TRANSPORTATION INFORMATION**

## Face Grade Putty (TIS-W-231SG1)

**DOT PROPER SHIPPING NAME:** Face Grade Putty (TIS-W-231SG1)  
**DOT HAZARD CLASS:** None  
**DOT IDENTIFICATION NO.** None  
**DOT PACKING GROUP:** None  
**DOT RQ FOR PRODUCT:** NA  
**DOT MARINE POLLUTANT:** NA

**TDG NAME:** Face Grade Putty (TIS-W-231SG1)  
**TDG CLASS:** None  
**PIN NUMBER:** None  
**WHMIS:** D 2 B

### SECTION 15. REGULATORY INFORMATION

#### U.S. Federal regulations:

**United States inventory:** The ingredients of this product are listed on or exempted by the United States inventory (TSCA 8b).

**SARA 311/312:**  
Classification Not Applicable

#### California Prop. 65

**WARNING:** This product contains a chemical known to the State of California to cause cancer.  
The California listing of silica, crystalline as a carcinogen is qualified as “airborne particles of respirable size.”  
Wood Dust Particles: Avoid inhalation of dust from sanding. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator.

<u>Ingredient name</u>	<u>Cancer</u>
Wood dust particles	ACGIH A4 Not Classified as a Human Carcinogen
Crystalline Silica respirable	ACGIH A2 Suspected Human Carcinogen

**WHMIS (Canada):** Class D-2A Material causing other toxic effects .  
**Canada Inventory** All components are listed or exempted

#### International regulations

<b>International lists</b>	<b>Australia inventory (AICS)</b>	Not Determined
	<b>China inventory (IECSC)</b>	Not Determined
	<b>Japan inventory</b>	Not Determined
	<b>Korea inventory</b>	Not Determined
	<b>Malaysia inventory (EHS Register)</b>	Not Determined
	<b>New Zealand inventory of Chemicals (NZIoC)</b>	Not Determined
	<b>Philippines inventory (PICCS)</b>	Not Determined
	<b>Taiwan inventory (CSNN)</b>	Not Determined

**European Chemical Agency:** This product does not contain any ECHS substances.

#### Note!

ACGIH = American Conference of Governmental Industrial Hygienists



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**SECTION 16. OTHER INFORMATION**

**National Fire and Protection Association (U.S.A)**

**NFPA**

**HMIS**

<b>Health</b>	<b>1</b>	<b>1</b>
<b>Flammability</b>	<b>0</b>	<b>0</b>
<b>Instability/ Reactivity</b>	<b>0</b>	<b>0</b>

**Notice to reader:**

**To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier assumes any liability whatsoever for the accuracy or completeness of the information contained herein.**

**Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.**

**Updated: August 2, 2016**