

**SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking**

**Product Identifier:**  
**Name:** Walnut Shell  
**Product Number(s):** PD1008 (plus dash nos.)  
**CAS No:** 84012-43-1  
**Index No:** None  
**EC No:** None  
**REACH Registration No:** None  
**Formula:** Not Available  
**Synonyms:** H Powder

**Intended use of the product and uses advised against:**

**Recommended use:** Blasting abrasive

**Details of the supplier of the safety data sheet:**

Comco Inc.  
 2151 N. Lincoln St.  
 Burbank, CA 91504  
 1-818-841-5500  
[info@comcoinc.com](mailto:info@comcoinc.com)

**Emergency telephone number:**

1-818-841-5500

**SECTION 2: Hazard(s) Identification****Classification of the substance or mixture****Regulation (EC) No. 1272/2008 (CLP)**

Hazard category	Hazard statement
Combustible Dust	May form combustible dust concentrations in air.

**Label elements**

**Hazard pictograms:** None  
**Signal word:** None  
**Hazard statements:** None  
**Precautionary statements:** None  
**Other hazards:** Direct contact with eyes may cause temporary irritation.  
 Walnut shell, a tree nut product, may contain walnut proteins that have been known to cause allergic reaction.

**SECTION 3: Composition/Information on Ingredients****Substance/Mixture:** Substance

Name:	CAS#	EC#	%W/W	REACH #	GHS Classification
Natural Walnut Shell	84012-43-1	281-688-1	100	N.A.	None

**SECTION 4: First-Aid Measures****Description of first aid measures**

**General information:** None  
**After inhalation:** Remove to fresh air. If symptoms persist, seek medical attention.  
**After skin contact:** Remove contaminated clothing from area and wash affected skin thoroughly with water. If irritation persists or rash develops, seek medical attention.  
**After eye contact:** Immediately flush eyes with water. Seek medical attention if irritation persists.  
**After swallowing:** Do not induce vomiting. If large quantities are swallowed, call physician immediately.  
**Most important symptoms and effects, both acute and delayed**  
**Acute:** Irritation and redness of eyes. Coughing and shortness of breath. Walnut shell, a tree nut product, may contain walnut proteins that have been known to cause an allergic reaction.  
**Delayed:** Skin, eye, or respiratory tract irritation.  
**Indication of any immediate medical attention and special treatment**  
 Treat symptomatically.

**SECTION 5: Fire-Fighting Measures****Extinguishing media**

**Suitable extinguishing media:** Extinguisher suitable for ordinary combustible materials. Class A extinguishing agents.

**Unsuitable extinguishing media:** None known.

**Special hazards arising from the substance or mixture:**

High concentrations of dust may form an explosive mixture with air.

**Advice for firefighters**

A self-contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Extinguish preferably with carbon dioxide, dry chemical, foam, or water spray.

**SECTION 6: Accidental Release Measures****Personal precautions, protective equipment and emergency procedures**

**For non-emergency personnel:** Wear suitable protective clothing. Avoid dust generation.

**For emergency responders:** Wear suitable protective clothing. Avoid dust generation.

**Environmental precautions:** Ventilation recommended.

**Methods and material for containment and cleaning up**

Sweep or preferably vacuum up and collect in suitable containers for recovery or disposal. Spilled material can be a slipping hazard. Avoid generating dust. Eliminate flames, sparks, excessive temperatures and oxidizing agents. Use only non-sparking tools.

**Reference to other sections:** See also sections 7 for information on safe handling, section 8 for information on personal protection equipment, and section 13 for disposal information.

**Additional information:** None

### SECTION 7: Handling and Storage

**Precautions for safe handling**

**Protective measures:** Avoid accumulation of dust. Use only in well-ventilated areas.

**Hygiene measures:** Do not eat drink or smoke when using this product. Wash hands thoroughly after handling. Remove contaminated clothing and protective gear before entering eating areas.

**Conditions for safe storage, including any incompatibilities:**

Store in a cool, dry, well-ventilated area. Keep away from sources of ignition. Keep container tightly closed. Segregate from incompatible materials. Avoid oxidizing agents.

**Specific end uses:** Not Available

### SECTION 8: Exposure Controls/Personal Protection

**Control parameters**

**Occupational exposure limits:**

Substance	CAS #	Exposure Limit	Note:
Walnut Shell, Nuisance Dust	84012-43-1	10 mg/m <sup>3</sup> LTEL	OSHA
		15 mg/m <sup>3</sup> TLV	ACGIH
		5 mg/m <sup>3</sup> (respirable) LTEL	OSHA
		5 mg/m <sup>3</sup> (respirable) TLV	ACGIH

**Biological limit values:** No data

**DNEL/PNEC-values:** No data

**Exposure controls**

**Appropriate engineering controls:** Adequate dust ventilation required.

**Personal protective equipment**



**Hand protection:** Gloves if desired

**Eye protection:** Goggles if desired.

**Body protection:** Clean clothing to cover skin.

**Respiratory protection:** Approved NIOSH dust mask if recommended exposure levels are exceeded.

**Environmental exposure controls:** None

### SECTION 9: Physical and Chemical Properties

**Information on basic physical and chemical properties**

<b>Appearance:</b>	Granular powder
<b>Color:</b>	Brown
<b>Odor:</b>	Woody odor
<b>Odor threshold:</b>	Not Available
<b>pH:</b>	5.3 (at 25° C, 50 g/L)
<b>Melting point/range:</b>	Not Applicable
<b>Boiling point/range:</b>	Not Applicable
<b>Flash point:</b>	194 °C (380 °F)
<b>Evaporation rate:</b>	Not Applicable
<b>Flammability (solid, gas):</b>	Flammable (solid)
<b>Upper/lower flammability/explosive limits:</b>	243 °C (470 °F)
<b>Auto-ignition temperature:</b>	Not Available
<b>Decomposition temperature:</b>	243 °C (470 °F)
<b>Vapor pressure:</b>	Not Applicable
<b>Vapor density:</b>	Not Applicable
<b>Relative density:</b>	1.35 g/cm <sup>3</sup>
<b>Solubility:</b>	Slight in water or alcohol
<b>Viscosity, dynamic (20 °C):</b>	Not Available
<b>Viscosity, kinematic:</b>	Not Available
<b>Explosive properties:</b>	Not Available
<b>Oxidizing properties:</b>	Not Available

Partition coefficient: n-Octanol/Water: Not Available

Physical hazards: Not Available

Other information: No additional information

#### SECTION 10: Stability and Reactivity

**Reactivity:** No data.  
**Chemical stability:** Stable under normal conditions.  
**Possibility of hazardous reactions:** None under normal use conditions.  
**Conditions to avoid:** Dust generation without adequate ventilation. Excessive heat. Ignition sources.  
**Incompatible materials:** Strong oxidizing agents.  
**Hazardous decomposition products:** Smoke, carbon monoxide, carbon dioxide.

#### SECTION 11: Toxicological Information

##### Information on toxicological effects

**Acute toxicity:** None  
**Skin corrosion/irritation:** May cause mechanical skin irritation. Not corrosive.  
**Serious eye damage/irritation:** May cause mechanical eye irritation.  
**Respiratory or skin sensitization:** No data  
**Germ cell mutagenicity:** No data  
**Carcinogenicity:** No data  
**Reproductive toxicity:** No data  
**Specific target organ toxicity (single exposure):** No data  
**Specific target organ toxicity (repeated exposure):** No data  
**Aspiration hazard:** No data  
**Other information:** None

#### SECTION 12: Ecological Information

##### Toxicity

**Ecotoxicity effects:** None known  
**Persistence and degradability:** No data  
**Bioaccumulative potential:** The product has low potential for bioaccumulation  
**Mobility in soil:** No data  
**Results of PBT & PvB assessment:** No data  
**Other adverse effects:** No known significant effects or critical hazards

#### SECTION 13: Disposal Considerations

##### Waste treatment methods

**Recommendations:** If product becomes contaminated, follow disposal instructions for contaminant. Dispose of in accordance to federal, state, and local regulations. Do not allow product to reach sewage system. Recycle packaging if possible.

**Additional information:** None

#### SECTION 14: Transport Information

	Land transport (ADR/RID)	Inland waterway transport (ADN)	Sea transport (IMDG)	Air transport (ICAO- TI/IATA-DGR)
<b>UN number</b>	Not regulated	Not regulated	Not regulated	Not regulated
<b>UN proper shipping name</b>	None	None	None	None
<b>Transport hazard class(es)</b>	None	None	None	None
<b>Hazard label(s)</b>	None	None	None	None
<b>Packing group</b>	None	None	None	None
<b>Environmental hazards</b>	None	None	None	None

**Special precautions for user:** None

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

#### SECTION 15: Regulatory Information

##### Safety, health and environmental regulations/legislation specific for the substance or mixture

##### US Federal regulations

TSCA Chemical Inventory Status: All components of this product are listed.

CERCLA Reportable Quantity: None.

SARA Title III:

- Section 302 Extremely Hazardous Substances: None.
- Section 311 Hazardous Categories: None.

##### US State regulations

Not Available

##### Canadian Regulations:

WHMIS Classification: Not a controlled product.

DSL (Domestic Substance List): All components of this product are listed on the DSL.

Canadian Hazard Symbol: N/A

##### EU Regulations (EINECS Not Listed)

Indication of Danger: N/A.

Risk Phrases: None

Safety Phrases: None

This product is considered non-dangerous in accordance with 1999/45/EC.

**Other International Regulations:**

- Australian Inventory of Chemical Substances: Listed on the AICS
- China Inventory of Existing Chemical Substances: Listed on IECSC

**Chemical Safety Assessment:** No

**SECTION 16: Other Information**

**Date of preparation:** 05/11/2022

**Revision version:** H

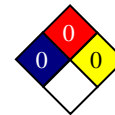
**Reason for Revision:** Update to sections 3

**NFPA hazard rating:**

**Health hazard:** 0 – Poses no health hazard.

**Fire hazard:** 0 – Will not burn under typical fire conditions.

**Reactivity:** 0 – Normally stable, even under fire conditions, and is not reactive with water.



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