

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

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	N.A.	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 ³ LTEL	OSHA
		15 mg/m ³ TLV	ACGIH
		5 mg/m ³ (respirable) LTEL	OSHA
		5 mg/m ³ (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

Appearance:	Granular powder
Color:	Brown
Odor:	Woody odor
Odor threshold:	Not Available
pH:	5.3 (at 25° C, 50 g/L)
Melting point/range:	Not Applicable
Boiling point/range:	Not Applicable
Flash point:	194 °C (380 °F)
Evaporation rate:	Not Applicable
Flammability (solid, gas):	Flammable (solid)
Upper/lower flammability/explosive limits:	243 °C (470 °F)
Auto-ignition temperature:	Not Available
Decomposition temperature:	243 °C (470 °F)
Vapor pressure:	Not Applicable
Vapor density:	Not Applicable
Relative density:	1.35 g/cm ³
Solubility:	Slight in water or alcohol
Viscosity, dynamic (20 °C):	Not Available
Viscosity, kinematic:	Not Available
Explosive properties:	Not Available
Oxidizing properties:	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)
UN number	Not regulated	Not regulated	Not regulated	Not regulated
UN proper shipping name	None	None	None	None
Transport hazard class(es)	None	None	None	None
Hazard label(s)	None	None	None	None
Packing group	None	None	None	None
Environmental hazards	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: 04/27/2020

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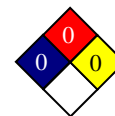
Reason for Revision: Update to sections 1, 2, 3, 4, 6, 7, 8, 15 & 16

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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