

MATERIAL SAFETY DATA SHEET: WALNUT SHELL

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CONTROL NO
 4172765181

**1. PRODUCT IDENTIFICATION:
 PRODUCT USE:**

WALNUT SHELL
 Blast Cleaning, polishing, water filtration, filler
 and extender, cosmetics, loss circulation material

Grain Abrasive: Shall conform with (CID) A-A-1722, dated February 5, 1981 and Notice 1, dated August 23, 1995. Type II – Black Walnut Shell (for general purpose use)

MANUFACTURER:

Hammons Products Company
 PO Box 140, 105 Hammons Drive
 Stockton, MO 65785

EMERGENCY PHONE:

Office Hours: 417-276-5181

TRANSPORTATION OF DANGEROUS GOOD CLASSIFICATION:

Not Regulated

WHMIS CLASSIFICATION:

Not Regulated

2. INGREDIENTS

CHEMICAL NAME:	CAS#	TLV(mg/m3)	LD50(mg/kg)
Powdered Organic Amendment	N/D	N/E	>2000
Nuisance Dust	% Range - (60 to 100)		

3. PHYSICAL DATA

Physical state.....	Solid	Freezing point.....	N/A
Odor threshold.....	N/A	Boiling point.....	N/A
Specific gravity.....	1.2-1.4	Vapor pressure.....	N/A
Density.....	0.64 kg/L	Vapor density (air=1).....	N/A
pH.....	7.5	Evaporation rate.....	N/A
Solubility in water.....	Not water soluble	Coeff. of water/oil.....	N/A
Appearance & odor.....	Yellow/brown powder		

4. FIRE AND EXPLOSION HAZARD DATA

CONDITIONS OF FLAMMABILITY:

Non Flammable

EXTINGUISHING MEDIA:

WATER	FOAM	CO₂
X	X	X

OTHER: Dry Chemical

SPECIAL PROCEDURES:

If improperly handled, stored, and/or exposed to an ignition source, this material may burn

FLASH POINT: 380°F

FLAMMABLE LIMITS IN AIR % BY VOLUME: 470°F **LOWER** **UPPER**
 N/A N/A

AUTO IGNITION TEMP (Deg. C): N/A

HAZARDOUS COMBUSTION PRODUCTS: N/D

EXPLOSION DATA:

Sensitivity to Impact.....None known
 Sensitivity to Static Discharges.....Not sensitive (minimum spark ignition energy >8J)
 Relative Explosion Hazard Rating.....Weak

5. REACTIVITY DATA

STABILITY (NORMAL COND.):

Stable: X **Unstable:**

CONDITIONS TO AVOID: None
CONDITIONS OF REACTIVITY: None
INCOMPATIBILITY (Materials to Avoid): None
HAZARDOUS DECOMPOSITION PRODUCTS: None

6. TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY:

Skin Contact
 Absorbed by skin
 Eye Contact
 Inhalation
 Ingestion

Effects of acute exposure: None
 Effects of chronic exposure: None

Oral rat LD50 mg/kg (calc.).....>2000	Exposure limits.....N/D
Irritancy.....N/D	Sensitization.....N/D
Synergistic Mat.....None known	Carcinogenicity.....None known
Reproductive.....None known	Teratogenicity.....None known
Mutagenicity.....None known	

7. PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

Eye Protection: X **Gloves:** X **Clothing:**

RESPIRATORY PROTECTION:

Use dust mask in severe conditions

VENTILATION REQUIREMENTS:

Not normally required

SPILL AND LEAK PROCEDURES:

Sweep up and return to container

WASTE DISPOSAL:

No special requirements necessary

HANDLING PROCEDURES:

Wear safety glasses for normal use. Avoid generating excessive dust, wear dust mask in severe conditions.

STORAGE REQUIREMENTS:

Keep dry

SPECIAL HANDLING INFORMATION:

Treat as a nuisance dust

8. FIRST AID MEASURES

Not normally required.

Wash off skin with soap and water.

If inhaled, remove to fresh air, treat symptoms as required.

Not toxic if ingested.

9. OTHER INFORMATION

Definitions:

N/D - No Data

N/A - Not Applicable

N/E - Not Established

< - Less than

A= Oral rat LD50

B= Oral rat LD low C= Oral LD50/LD low other animal

> - Greater than

D= Estimated 1000 E= Arbitrary 2000

F= Other route prefix

C= Ceiling limit

Hazard Ratings:

0 = Least

1 = Slight

2 = Moderate

3 = High

4 = Severe

Health = 1

Fire = 0

Reactivity = 0

Equipment = 0

10. PREPARATION INFORMATION

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