

**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**

<b>CHEMICAL NAME:</b>	<b>CAS#</b>	<b>TLV(mg/m3)</b>	<b>LD50(mg/kg)</b>
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:**

<b>WATER</b>	<b>FOAM</b>	<b>CO<sub>2</sub></b>
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**

Prepared By: Steve Rutledge  
 Hammons Products Company  
 105 Hammons Drive  
 PO Box 140  
 Stockton, MO 65785

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 Phone: 417-276-5181  
 Fax: 417-276-5187