

MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA'S Hazard Communication Standard, 29CFR1910.1200.
Standard must be consulted for specific requirements.

U.S. Department of Labor
Occupational Safety and Health Admin. (Non-Mandatory Form)

SECTION I – PRODUCT AND COMPANY IDENTIFICATION

IDENTITY: (As used on label and list) **WALNUT SHELL**

Manufactured for: SurfaceTek, Inc.
Emergency Telephone Number: (800)771-7632
Address: 115 S. Broadway, Tecumseh, OK 74873
Telephone for Information: (800)771-7632

SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

The chemicals listed under section II of the MSDS for this product is not reportable under SARA 313. If the product is reportable under this regulation, it will be noted in section II.

SECTION III

Boiling Point	N/A	Specific Gravity (H2O-1)	1.2
Vapor Pressure (MM Hg)	N/A	Melting Point	N/A
Vapor Density (Air – 1)	N/A	Evaporation	N/A

Solubility in Water: Not water soluble
Odor and appearance: No odor – Light brown in color
Flash Point: 380°F
Flammable limits: 470°F
Media used in extinguishing: Water
Special fire fighting procedure: None

Fire and Explosions Hazards:

If improperly handled, stored and/or exposed to and ignition source, this material may burn. High concentrations of dust in air can explode if sufficient temperature and ignition source occurs.

SECTION IV – HEALTH HAZARD DATA

No Acute Hazards Known

SECTION V – REACTIVITY DATA

Stability: Stable
Incompatibility (Materials to avoid) None
Hazardous Polymerization: None

SECTION VI – HEALTH HAZARDS (ACUTE AND CHRONIC)

None Known

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken if material is released or spilled: Sweep, Shovel up, or Vacuum

Water Disposal Methods: No special requirements

Precautions to be taken in handling and storing: None

Other Precautions: None

SECTION VIII – CONTROL MEASURES

Ventilation: Local Exhaust Nuisance Dust Levels

Protective clothing, gloves, or equipment: Not required

Eye Protection: Not required – Safety goggles recommended

GROUND ENGLISH WALNUT SHELL

PROPERTIES:

SPECIFIC GRAVITY	1.2 – 1.4
Ph value at 25°C (IN WATER)	4-6
FREE MOISTURE (80°C FOR 15 HRS)	3-9%
FLASH POINT (CLOSED CUP)	380°
HARDNESS – VICKERS NO	25-30
MOHS SCALE	3-4
DRY PACKING DENSITY (LBS PER CU.FT.)	22-74

GSA Specification:	AA-1722	Type 2
Military Specification:	MIL-G-534	Type 3

CHEMICAL ANALYSIS

Nitrogen	0.10
Cellulose	40/60
Lignin	20/30
Toluene Solubility	0.5/1.0
Methoxyl	6.5
Chlorine	0.10
Ash	1.5
Cutin	1.0