

## Material Safety Data Sheet- Structural Wall

Manufacturer's Name	Energy Panel Structures, Inc.
Address	P.O. Box 238 Graettinger, IA 51342
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### Section I Identity

Base Name	Structural wall OSB/foam/OSB
Chemical Name	Phenolic resin bonded structural panels Expanded polystyrene foam (EPS)
Chemical Family	Plywood Polystyrene
Common Name	Structural wall

### Section II Hazardous Ingredients

Softwood dust	5 MG/M3
Hardwood dust (Beech, oak)	5 MG/M3
Free formaldehyde	1 PPM

### Section III Physical Data

Boiling point	None
Specific Gravity	Apparent density 1.0 to 2.0 PCF density
Melting point	None
Solubility in water	6%
Percent volatile by volume	None
Appearance and odor	White, brown, or tan panel with slightly aromatic wood odor
Evaporation rate	Not applicable

## Section IV Fire & Explosion Hazard Data

Extinguishing Media	Water & sand
Special Fire fighting procedures	Use water to wet down dust to reduce the likelihood of ignition or dispersion of dust into the air. Remove burned or wet dust to open area after fire is extinguished.
Unusual Fire & Explosion Hazards	Wood dust is strong to severe explosion hazard if a dust "cloud" contacts an ignition source. May emit large volume of dense, black smoke

## Section V Health Hazard Data

Acute overexposure: Panel dust may be mechanical irritant to eyes. Excessive concentration may cause deposits in nasal passages resulting in rhinorrhea, dry cough, wheezing, sinusitis.

Chronic overexposure: Some species of wood dust can elicit allergic contact dermatitis in sensitized individuals as well as mechanical irritation resulting in erythema and hives.

**Inhalation:** Remove to fresh air. If persistent, severe coughing, breathing difficulties or rash occur, seek medical advice.

**Eyes:** Panel dust may mechanically irritate the eyes resulting in redness or watering. Flush with water to remove dust particles. If irritation persists, seek medical attention.

**Skin:** Various species of wood dust can elicit contact dermatitis in sensitized individuals after repetitive contact. If a rash, or persistent irritation, or dermatitis occur, seek medical attention.

## Section VI Special Protection Information

If this product is used in a process which generates dust levels in excess of the allowable exposure limit (s) for wood dust, a niosh approved dust respirator and goggles should be worn. Special handling precautions are required. Panels are combustible. Keep in cool, dry place away from open flame and other sources of ignition.

## Section VII Spill or Leak Procedures

Not applicable for products in purchased form. Panel dust may be vacuumed or shoveled for recovery or disposal. Avoid dusting conditions. Provide good ventilation where dusting is possible.

If disposed or discarded in its purchased form, incineration is preferable. Dry land disposal is acceptable in most states. It is, however, the user's responsibility to determine at the time of disposal whether your product meets federal, state or local regulations.

## Section VIII Radioactivity Data

Stable	Yes
Incompatibility	None
Hazardous decomposition products	None
Hazardous polymerization	Will not occur
Conditions to avoid	None

## Section IX Special Precautions

If the product in block or board form is to be fabricated by hot-wire cutting, work areas should be ventilated to avoid a build up of processing fumes.