

# MATERIAL SAFETY DATA SHEET FOR *PYRO-GUARD* TREATED WOOD

Meets Requirements of OSHA's  
29 CFR 1910.1200

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HTWP 039

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## SECTION I

Hoover Treated Wood Products, Inc.  
P.O. Box 746  
Thomson, Georgia 30824-0746

Emergency Number: (706) 595-5058  
Chemtrek: 1-800-424-9300

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## SECTION II - Product Information

Material or Component (Chemical Identity, Common Names):  
***PYRO-GUARD*** Treated Wood

Proprietary Formula:

Ingredients:	%	OSHA PEL/TWA	OSHA STEL (15 min)
PG-M	1% to 3%	Not listed.	Not listed.
PG-B1	.25% to 1.5%	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
PG-B2	.25% to 1.5%	10 mg/m <sup>3</sup>	15 mg/m <sup>3</sup>
PG-U	1% to 3%	Not listed.	Not listed.
PG-X	< .03%	Not listed.	Not listed.
Wood	Balance	Not listed.	Not listed.

PEL for Wood Dust:  
5 mg/m<sup>3</sup>

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## SECTION III - Physical/Chemical Characteristics

Boiling Point:  
N/A

Specific Gravity (H<sub>2</sub>O = 1):  
.50 - .60

### SECTION III - Physical/Chemical Characteristics (continued)

Vapor Pressure (mm Hg):  
N/A

Melting Point:  
N/A

Vapor Density (Air = 1):  
N/A

Evaporation Rate (Butyl Acetate = 1):  
N/A

Solubility in Water:  
Moderate 7.24% @ 60°F.

Appearance and Odor:  
Wood, sapwood - yellowish white; heartwood - reddish brown. Odor - pine.

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### SECTION IV - Fire and Explosion Hazard Data

Flash Point:	Flammable Limits:	LEL	UEL
N/A	Non-flammable	N/A	N/A

Explosive Limits In Air For Wood Dust Only:  
40 g/m<sup>3</sup> (LEL).

Extinguishing Media:  
Water, CO<sub>2</sub>, foam, standard fire fighting materials.

Special Fire Fighting Procedures:  
Material is non-flammable but at elevated temperatures product may release trace amounts of CO, CO<sub>2</sub>, water and particulate matter.

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### SECTION V - Reactivity Data

Stability:  
Stable.

Conditions to Avoid:  
Direct weather exposure - do not store on ground.

Incompatibility (Materials to Avoid):  
None known.

## **SECTION V - Reactivity Data (continued)**

Hazardous Decomposition of Byproducts:

From wood - CO, CO<sub>2</sub>, water, particulate matter.

Hazardous Polymerization:

Will not occur.

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## **SECTION VI - Health Hazard Data**

Health Hazards (Acute and Chronic):

None known.

Carcinogenicity:

Wood dust is a suspect Group II B.

OSHA Regulated:

No.

Signs and Symptoms of Exposure:

Sawdust may irritate some sensitive persons. Practice good hygiene.

Emergency and First Aid Procedures:

If ingested, seek medical attention. Wash from skin with soap and water.

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## **SECTION VII - Precautions for Safe Handling and Use**

Steps To Be Taken In Case Material Is Released Or Spilled:

Good housekeeping techniques.

Waste Disposal Method:

Approved landfill.

Precautions To Be Taken In Handling And Storing:

Store above ground. Product is shipped dry and should not be exposed to the weather.

Other Precautions:

Keep dry.

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## SECTION VIII - Control Measures

### Respiratory Protection For Wood Dust:

3M Brand Dust/Mist Respirator #8710 (or equivalent) recommended when sawing or machining, but not required unless wood dust PEL of 5 mg/m<sup>3</sup> exceeded.

### Ventilation:

Local exhaust. Mechanical (general) when machining.

### Protective Gloves:

Work gloves to avoid splinters.

### Eye Protection:

Safety goggles or glasses should be worn when machining to protect against sawdust and flying wood particles.

### Other Protective Clothing or Equipment:

As typical with any wood working.

### Work/Hygienic Practices:

Practice good hygiene, wash hands after use and before eating, drinking or using tobacco products.

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## SECTION IX - References

### Is this a listed material?

NTP (list):	No
IARC (monographs):	No
OSHA (carcinogen):	No
ACGIH (TLV list):	No

### D.O.T. Classification:

No regulated 49 CFR.

### EPA Hazardous Substance:

None 40 CFR 116-117

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**SECTION X - Additional Comments**

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