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**"Fire Treated Stairs"** is treated with FlamePro® plywood pressure impregnated with FlamePro® Interior Type A High Temperature (HT) fire retardant chemicals. FlamePro® brand fire retardant is a proven successful formulation based on the American Wood Protection Association P50 Standard for Fire Retardants. FlamePro® fire retardant plywood meets the requirements of FRTW listed in the International Code Council Acceptance Criteria ICC AC66 conforming with the International Residential and the International Building Codes (IRC & IBC). FlamePro® fire retardant treated wood has been tested at Underwriters Laboratories resulting in flame spread and smoke development ratings of 25 or less when subjected to ASTM E84 surface burning characteristics in test of 30-minute duration without evidence of significant progressive combustion. Consequently, treated with FlamePro® fire retardant has qualified for the UL "FR-S", Class A, "Class 1" classification for surface burning characteristics.

#### FlamePro® Product Values:

- 50-year warranty
- UL GREENGUARD GOLD, Low VOC
- ICC ESR Report-4244
- ASTM E84 – Surface Burning Characteristics
- ASTM 2768 – Extended 30-minute test
- UL 723 – Surface Burning Characteristics
- AWPA P50 – Standard for Fire Retardants
- AWPA M4 – Care of Treated Wood
- AWPA T1 – Treatment Standard



**FR-S PLYWOOD 25LN**

FLAME SPREAD/SMOKE DEVELOPED

30 MINUTE TEST: 25 OR LESS

SPIB MONITORED (AA-680)

STD-FLP-18 R16519

**FlamePRO**

FIRE RETARDANT TREATED WOOD

INTERIOR TYPE A HIGH

TEMPERATURE (HT)

FIRE RETARDANT TREATED WOOD

ESR-4244 KDAT

DF/LAUAN 2020

**CULPEPER WOOD PRESERVERS**

ORANGEBURG, SC

# Safety Data Sheet

Material Name: Wood Treated with FlamePro

SDS ID: FlamePro TW

## Section 1 - PRODUCT AND COMPANY IDENTIFICATION

**Material Name**

Wood Treated with FlamePro

**Trade Names**

FlamePro treated wood

**Chemical Family**

Treated wood

**Product Use**

Wood that has been treated with FlamePro

**Restrictions on Use**

None known.

**Details of the supplier of the safety data sheet**

Customers of Koppers Performance Chemicals Inc.

<b>Company name</b>	<b>Culpeper Wood Preservers</b>
<b>Address</b>	15487 Braggs Corner Road Culpeper, VA 22701
<b>Telephone number</b>	(540) 825-5200
<b>Emergency phone number</b>	CHEMTREC: 800-424-9300

## Section 2 - HAZARDS IDENTIFICATION

**Classification in accordance with paragraph (d) of 29 CFR 1910.1200.**

Combustible Dust

Skin Corrosion/Irritation - Category 2

Serious Eye Damage/Eye Irritation - Category 2A

Carcinogenicity - Category 1A

Reproductive Toxicity - Category 1B

Specific target organ toxicity - Single exposure - Category 3 (Respiratory system)

**GHS Label Elements**

**Symbol(s)**



**Signal Word**

Danger

**Hazard Statement(s)**

May form combustible dust concentrations in air.

Causes skin irritation.

Causes serious eye irritation.

May cause cancer.

May damage fertility or the unborn child.

May cause respiratory irritation.

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## Precautionary Statement(s)

### Prevention

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Use only outdoors or in a well-ventilated area.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Avoid breathing dust/fume/gas/mist/vapors/spray.  
Wash thoroughly after handling.

### Response

IF exposed or concerned: Get medical advice/attention.  
IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
IF ON SKIN: Wash with plenty of soap and water.  
If skin irritation occurs: Get medical advice/attention.  
Take off contaminated clothing and wash before reuse.  
Call a POISON CENTER or doctor if you feel unwell.  
Specific treatment (see label).

### Storage

Store in a well-ventilated place.

### Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

### Other Hazards

None known.

## Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Component Name	Percent
N/A	Wood/Wood dust	93-99
Proprietary	Proprietary Ingredient #1	1-4
Proprietary	Proprietary Ingredient #2	0.25-2
10043-35-3	Boric acid (H <sub>3</sub> BO <sub>3</sub> )	0.25-1

Depending on the additives applied to the treating solution, this wood may also contain <0.1% of mold inhibitors and/or <0.1% of a colorant. The chemical identity and/or percentage of composition is being withheld as a trade secret.

## Section 4 - FIRST AID MEASURES

### Inhalation

Move to fresh air. If breathing is difficult, give oxygen. Get medical attention immediately. Some species may cause allergic respiratory reactions with asthma-like symptoms in sensitized individuals.

### Skin

Take off contaminated clothing. Wash skin thoroughly with soap and water. Seek medical attention. Prolonged contact with treated wood and/or treated wood dust, especially when freshly treated at the plant, may cause irritation to the skin. Abrasive handling or rubbing of the treated wood may increase skin irritation. Some wood species, regardless of treatment, may cause dermatitis or allergic skin reactions in sensitized individuals.



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### Eyes

DO NOT rub eyes. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Then get immediate medical attention.

### Ingestion

Rinse mouth. If swallowed, get medical attention.

### Most Important Symptoms/Effects

#### Acute

Causes respiratory tract irritation, skin irritation, eye irritation, allergic reactions. WOOD DUST: May cause nasal dryness, irritation and mucostasis. Coughing, wheezing, sneezing, sinusitis and prolonged colds have also been reported. Depending on wood species may cause respiratory sensitization and/or irritation. Symptoms can include irritation, redness, scratching of the cornea, and tearing. May cause eczema-like skin disorders (dermatitis). Airborne treated or untreated wood dust may cause nose, throat, or lung irritation and other respiratory effects.

#### Delayed

May cause cancer by inhalation. May damage fertility or the unborn child.

### Indication of any immediate medical attention and special treatment needed

Treat symptomatically. May aggravate respiratory ailments such as asthma and bronchitis.

## Section 5 - FIRE FIGHTING MEASURES

### Extinguishing Media

#### Suitable Extinguishing Media

Carbon dioxide, regular foam, dry chemical, water spray, or water fog.

#### Unsuitable Extinguishing Media

Do not scatter spilled material with high-pressure water streams.

### Special Hazards Arising from the Chemical

Combustible dust. May form combustible dust concentrations in air. Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. Depending on moisture content, and more importantly, particle diameter and airborne concentration, wood dust in a contained area may explode in the presence of an ignition source. Wood dust may similarly deflagrate (combustion without detonation like an explosion) if ignited in an open or loosely contained area. An airborne concentration of 40 grams (40,000 mg) of dust per cubic meter of air is often used as the LEL for wood dusts. Reference NFPA Standards- 654 and 664 for guidance.

### Hazardous Combustion Products

Oxides of carbon, oxides of nitrogen.

### Fire Fighting Measures

Wet down with water to reduce likelihood of ignition or dispersion. Move material from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas. Keep unnecessary people away, isolate hazard area and deny entry. The presence of the fire-retardant chemical in treated wood may reduce the flammability hazard to some extent.

### Special Protective Equipment and Precautions for Firefighters

Wear full protective firefighting gear including self-contained breathing apparatus (SCBA) for protection against possible exposure.

## Section 6 - ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures

Eliminate all sources of ignition. Wear personal protective clothing and equipment, see Section 8. Avoid dust generation and accumulation. Avoid dust formation. Avoid breathing dust.

### Methods and Materials for Containment and Cleaning Up

Collect material in appropriate container for disposal. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Collect using a vacuum cleaner with a HEPA filter or wet and scoop up dry spills. Dust