



ProTEKtor II®

Technical Data Sheets

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BARRIERTEK

A World Without Catastrophic Fire

ProTEKtor II®

Technical Data Sheet

Intumescent Latex Paint

Intended Uses:

A fire-resistant latex paint specifically designed for use on manufactured wood substrates, often I-joists & OSB sheathing, to reduce flame spread and smoke development.

Product Description:

A high solids latex coating containing pigments and fillers with low VOC levels (less than 5 g/l)

Date of Issue:

January 21, 2021

Technical Information	
Finish: Flat	Standard Colours: Green or Blue
Tint Range: Any colour in pastels	Secondary Colours: N/A
Required Coverage: 32.8 grams / ft ²	Typical Volume Solids: 62%
Recommended # of Coats: 1 at recommended coverage	Typical Specific Gravity: 1.2
Flash Point: N/A	Application Thinner: DO NOT THIN
Clean Up: Warm to hot water	

Flame Spread Index: 10 (CAN/ULC S102)

Smoke Development Index: 50 (CAN/ULC S102)

Surface Preparation

Surfaces must be clean, dry, and free of dust and other debris. Remove any loose substrate pieces (i.e. wood, peeling paint). When treating bare wood surfaces with the intent of fire protection, no priming is required. When treating raw drywall, apply a prime coat.

Application

Brush, roller, or suitable heavy-duty airless sprayer. (Recommended tips are .20-.30 inches.)

Dry times at 21°C and 50% (+ or - 10) R.H.

To Touch: 45 minutes – 2 hours

To Handle: 3 – 5 hours

To Overcoat: 6 hours minimum

Additional Data

For optimum adhesion and application performance, ensure that the temperature and relative humidity are between 15 and 25°C and 40-60% respectively, at the time of application and for four hours afterward.

The information provided is accurate and true to the best of our knowledge. However, no guarantee or warranty of any kind, expressed or implied, is given when the product is not applied by certified BarrierTek Inc. installers.

ProTEKtor II®

Safety Data Sheet

01

Identification

Product Name: ProTEKtor IIJ®

Product Code: -----

Product Use: Fire Retardant

Manufacturer's Name: **BarrierTek**

7123 Sparrow Dr
Leduc, Alberta, Canada T9E 7L1

BarrierTek Phone: (780) 612- 7740

Emergency Phone: In case of hazardous materials or dangerous goods incident, spill, leak, fire, exposure, or accident, call CHEMTRAC 24 hours at 1-800-242-9300 or 1-703-527-3887.

SDS Preparation Date: January 2021

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Hazard Identification Toxicological Properties

Hazard Classification: Skin irritation Cat.3, Eye irritation Cat.2B

Warning Information: None

Pictogram: None

Signal Words: Warning

Hazard Statement: May be harmful if swallowed.

May be harmful if inhaled.

May cause mild skin irritation.

May cause eye irritation.

Precautions:

1. Avoid contact with eyes. If contact with eyes, wash immediately with plenty of water and seek medical attention.
2. Avoid contact with skin. Exposure to product may result in skin irritation.
3. Do not ingest. Swallowing may cause stomach upset and vomiting.
4. Wear protective clothing and gloves when working with product.

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Composition / Information on Ingredients

Ingredients	CAS #	% Percent (by weight)	Hazard Classification
Acrylic Copolymer	Intellectual Property	20-30	None
Ammonium Polyphosphate	68333-79-9	10-20	H315, H320, H335
Water	--	20-30	None
Titanium Dioxide	13463-67-7	<2	H351

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First Aid

Eye Contact:

Flush eyes gently with water for 10-15 minutes. Flush gently under the upper and lower eyelids. If experiencing painful, irritated or watery eyes, redness or swelling in or around the eyes, or other discomfort, seek medical attention immediately.

Skin Contact:

Thoroughly wash affected area with soap and warm water. Then rinse with warm water for 15 minutes. If rash or skin irritation occurs, seek medical attention immediately.

Inhalation:

If dizziness occurs, move outside or into a well-ventilated space immediately. If dizziness persists, seek medical attention.

Ingestion:

If product is ingested, drink 1-2 cups of water and seek medical attention immediately.

General Guidance:

If feeling unwell, seek medical attention. If possible, show the product label and this safety sheet to medical personnel. Tell medical personnel what chemicals were involved.

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Fire-Fighting Measures

Fire: Fire Resistant

Explosion: Not considered to be an explosion hazard

Fire Extinguishing Media: Not Required

Firefighting Procedures: Firefighters must wear proper protective equipment including a breathing apparatus with oxygen supply.

Protective Equipment for Firefighters: Firefighters must wear a breathing apparatus, fire protective clothing, and gloves.

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Accidental Release Measures

Personnel Precautions: Wear appropriate personal protective equipment.

Environmental Precautions: 1. Ventilate area.

Precautions: 2. Keep contaminants from entering sewers.

Clean Up:

Contain large spills with sand or soil. When chemical is absorbed, dispose of the sand or soil. Remove any residue from the area.

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Handling and Storage Procedures

Handling and Storage:

1. Containers must be properly labeled and closed when not in use.
2. Keep readily available to deal with the fire and emergency response device leakage.
3. Place in a cool, dry area, away from heat, sparks, and cold.

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Exposure Controls: Personal Protection

Engineering Control: N/A**Control Factor:** N/A**Personal Respirators:** N/A**Skin Protection:** Wear protective gloves.**Eye Protection:** Wear safety glasses or goggles.

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Physical and Chemical Properties

Colour:	Green or Blue
Odor:	N/A
Safety Data:	Flash Point: N/A Ignition temperature: N/A Self-ignition temperature: N/A Lower explosion limit: N/A Upper explosion limit: N/A
Solubility:	Water miscible
Density:	1.2
PH:	7-9
Viscosity:	2500-3500
Solid Content:	62%

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Stability and Reactivity

Stability:	Stable under ordinary conditions of use and storage.
Incompatibilities:	Organic solvent
Materials to Avoid:	Strong acid or alkali and oxidant
Hazardous Decomposition	Will emit smoke, CO, CO ₂ when on fire.
Products:	

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Toxicological Information

Acute Oral Toxicity (LD50): N/A

Sub-chronic Effects: N/A

Chronic Toxicity or Long N/A

Term Toxicity:

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Ecological Information

Ecological Effect: Fish toxicity (LC50); None

Environmental Effects: Do not dispose of this product into the sewer water or into soil.

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Disposal Considerations

Dispose of waste in sanitary landfill or by incineration in accordance with regulations.

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Transportation Information

International Regulations: Not a hazardous or restricted item for transport by road, rail, sea or air.

Transportation Summary: These products are not regulated as hazardous materials.

UN Classification Number: N/A

IMDG Code & Package None

Group:

Marine Pollutant: N/A

Specific Precautionary

Transport Measures and N/A

Conditions:

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Regulatory Information

Health Hazardous Goods: No

Environmental Hazardous No

Goods:

Fire Hazardous Goods: No

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