



# **ProTEKtor II®**

## **Technical Data Sheets**

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A World Without Catastrophic Fire

# ProTEKtor II®

## Technical Data Sheet

### Intumescent Latex Paint

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

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### 01

## Identification

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<b>Product Name:</b>	ProTEKtor IIJ®
<b>Product Code:</b>	-----
<b>Product Use:</b>	Fire Retardant
<b>Manufacturer's Name:</b>	<b>BarrierTek</b> 7123 Sparrow Dr Leduc, Alberta, Canada T9E 7L1
<b>BarrierTek Phone:</b>	(780) 612- 7740
<b>Emergency Phone:</b>	In case of hazardous materials or dangerous goods incident, spill, leak, fire, exposure, or accident, call CHEMTREC 24 hours at 1-800-242-9300 or 1-703-527-3887.
<b>SDS Preparation Date:</b>	January 2021

# 02

## Hazard Identification Toxicological Properties

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**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.

# 03

## Composition / Information on Ingredients

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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

# 04

## First Aid

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**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.

## 05

### Fire-Fighting Measures

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<b>Fire:</b>	Fire Resistant
<b>Explosion:</b>	Not considered to be an explosion hazard
<b>Fire Extinguishing Media:</b>	Not Required
<b>Firefighting Procedures:</b>	Firefighters must wear proper protective equipment including a breathing apparatus with oxygen supply.
<b>Protective Equipment for Firefighters:</b>	Firefighters must wear a breathing apparatus, fire protective clothing, and gloves.

## 06

### Accidental Release Measures

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<b>Personnel Precautions:</b>	Wear appropriate personal protective equipment.
<b>Environmental Precautions:</b>	<ol style="list-style-type: none"><li>1. Ventilate area.</li><li>2. Keep contaminants from entering sewers.</li></ol>
<b>Clean Up:</b>	Contain large spills with sand or soil. When chemical is absorbed, dispose of the sand or soil. Remove any residue from the area.



# 07

## Handling and Storage Procedures

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### 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.

# 08

## Exposure Controls: Personal Protection

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### Engineering Control:

N/A

### Control Factor:

N/A

### Personal Respirators:

N/A

### Skin Protection:

Wear protective gloves.

### Eye Protection:

Wear safety glasses or goggles.

# 09

## Physical and Chemical Properties

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

# 10

## Stability and Reactivity

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

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## Toxicological Information

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**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

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**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

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

# 14

## Transportation Information

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**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 Group:** None

**Marine Pollutant:** N/A

**Specific Precautionary Transport Measures and Conditions:** N/A

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## Regulatory Information

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**Health Hazardous Goods:** No

**Environmental Hazardous Goods:** No

**Fire Hazardous Goods:** No

*Information contained in this SDS refers only to the specific material designated and does not relate to any process or use with any other materials. This information is furnished free of charge and is based on data believed to be reliable as of the date hereof. It is intended for use by persons possessing technical knowledge at their own discretion and risk. Since actual use is beyond our control, no guarantee, expressed or implied, and no liability is assumed by BarrierTek Inc., in conjunction with the use of this information. Nothing herein is to be construed as a recommendation to infringe any patents.*