



## PREMIER FINISHES INC.

### Safety Data Sheet 11-184

#### SECTION 1: Identification

##### Product identifier

Product name	SolarShield – Cedar Concentrate 1:1
Product number	11-184
Brand	SolarShield

##### Other means of identification

LP16G04a, Solar Shield Cedar Concentrate 1:1

##### Recommended use of the chemical and restrictions on use

General usage for staining of lumber products (Water-Based Paints/Stains or Paint-Related)

##### Supplier's details

Name	Premier Finishes Inc.
Address	PO Box 3146 Oregon City, OR 97045 USA
Telephone	503-241-2770
Fax	503-912-1439

#### SECTION 2: Hazard identification

##### Classification of the substance or mixture

- Eye damage/irritation (chapter 3.3), Cat. 2
- Sensitization, skin (chapter 3.4), Cat. 1

##### GHS label elements, including precautionary statements

##### Pictogram



1. Exclamation mark

##### Signal word

##### Warning

##### Hazard statement(s)

EUH401

To avoid risks to human health and the environment, comply with the instructions for use

H317

May cause an allergic skin reaction

H319

Causes serious eye irritation

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### Precautionary statement(s)

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash ... thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of water/...
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P501	Dispose of contents/container to an approved waste disposal plant.
P272	Contaminated work clothing should not be allowed out of the workplace.

## SECTION 3: Composition/information on ingredients

### Mixtures

Formula 11-184

Any concentration shown as a range is to protect confidentiality or due to batch variation.

### Hazardous components

#### 1. polyalkylene glycol

Concentration  $\geq 0 - \leq 0.57$  % (Weight)  
CAS no. 9038-95-3

#### 2. Dipropylene glycol monomethyl ether

Concentration  $\geq 0 - \leq 1.37$  % (Weight)  
CAS no. 34590-94-8

- Flammable liquids (chapter 2.6), Cat. 4
- Specific target organ toxicity, single exposure (chapter 3.8), Cat. 3

H227 Combustible liquid  
H335 May cause respiratory irritation  
H336 May cause drowsiness or dizziness

#### 3. $\alpha$ -(4-Nonylphenyl)- $\omega$ -hydroxy-poly(oxy-1,2-ethanediyl) 100%

Concentration  $\geq 0 - \leq 0.28$  % (Weight)  
EC no. 500-315-8  
CAS no. 127087-87-0

- Acute toxicity, oral (chapter 3.1), Cat. 4
- Acute toxicity, inhalation (chapter 3.1), Cat. 4
- Eye damage/irritation (chapter 3.3), Cat. 1
- Hazardous to the aquatic environment - long-term hazard (chapter 4.1), Cat. 2

H302 Harmful if swallowed  
H318 Causes serious eye damage  
H332 Harmful if inhaled  
H401 Toxic to aquatic life  
H411 Toxic to aquatic life with long lasting effects

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Trade secret statement (OSHA 1910.1200(i))  
See OSHA 1910.1200(i)

### SECTION 4: First-aid measures

#### Description of necessary first-aid measures

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
If inhaled	If inhaled: Call a poison center or doctor if you feel unwell.  Acute and delayed symptoms and effects: May cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.
In case of skin contact	If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a poison center or doctor. Wash contaminated clothing before reuse.  Acute and delayed symptoms and effects: May cause skin irritation. Signs/symptoms may include localized redness, swelling, and itching.
In case of eye contact	If in eyes: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.  Acute and delayed symptoms and effects: Causes serious eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.
If swallowed	If swallowed: Call a poison center or doctor if you feel unwell. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.  Acute and delayed symptoms and effects: May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

#### Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

### SECTION 5: Fire-fighting measures

#### Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### Specific hazards arising from the chemical

Closed containers may rupture if exposed to fire or extreme heat.

#### Special protective actions for fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## **SECTION 6: Accidental release measures**

### **Personal precautions, protective equipment and emergency procedures**

Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.

### **Environmental precautions**

Keep out of drains, sewers, ditches, and waterways.

### **Methods and materials for containment and cleaning up**

Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

## **SECTION 7: Handling and storage**

### **Precautions for safe handling**

Avoid contact with skin, eyes and clothing. Avoid breathing vapors, spray mists or sanding dust. In case of insufficient ventilation, wear suitable respiratory equipment.

### **Conditions for safe storage, including any incompatibilities**

Keep container tightly closed. Keep out of the reach of children.

## **SECTION 8: Exposure controls/personal protection**

### **Appropriate engineering controls**

If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

### **Individual protection measures, such as personal protective equipment (PPE)**

#### **Pictograms**



#### **Eye/face protection**

Safety glasses with side-shields.

#### **Skin protection**

Protective gloves and impervious clothing.

#### **Body protection**

Wear suitable protective clothing.

#### **Respiratory protection**

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

#### **Environmental exposure controls**

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## **SECTION 9: Physical and chemical properties**

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### Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Liquid
Odor	Slight
Odor threshold	Not determined.
pH	8.3 - 9.3
Melting point/freezing point	No data available.
Initial boiling point and boiling range	No data available.
Flash point	No data available.
Evaporation rate	No data available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability limits	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Relative density	8.73 lb./gl.
Solubility(ies)	Water
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	Not applicable.
Decomposition temperature	No data available.
Viscosity	18-20" # 3 ZAHN
Explosive properties	None
Oxidizing properties	No data available.

## SECTION 10: Stability and reactivity

### Reactivity

No specific test data related to reactivity available for this product or its ingredients.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.  
Hazardous polymerization does not occur.

### Conditions to avoid

No data available.

### Incompatible materials

No data available.

### Hazardous decomposition products

No data available.

## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute toxicity

Likely Routes of Exposure: Eye contact. Skin contact. Inhalation. Ingestion.

#### Skin corrosion/irritation

May cause skin irritation. Signs/symptoms may include localized redness, swelling, and itching.

#### Serious eye damage/irritation

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May cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

### **Respiratory or skin sensitization**

No data available.

### **Germ cell mutagenicity**

No data available.

### **Carcinogenicity**

No data available.

### **Reproductive toxicity**

No data available.

### **Summary of evaluation of the CMR properties**

No data available.

### **STOT-single exposure**

No data available.

### **STOT-repeated exposure**

No data available.

### **Aspiration hazard**

No data available.

## **SECTION 12: Ecological information**

### **Toxicity**

No data available.

### **Persistence and degradability**

No data available.

Dipropylene glycol monomethyl ether: Biodegradability aerobic - Exposure time 28 d  
Result: 76 % - Readily biodegradable  
(OECD Test Guideline 301F)

### **Bioaccumulative potential**

No data available.

Dipropylene glycol monomethyl ether:  
<http://webnet.oecd.org/ccrweb/ChemicalDetails.aspx?ChemicalID=0F505FF5-E297-4D11-B841-AE6B73A2C59C>

Does not bioaccumulate.

### **Mobility in soil**

No data available.

### **Results of PBT and vPvB assessment**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

## **SECTION 13: Disposal considerations**

### **Disposal of the product**

Dispose of contents/containers in accordance with local regulations.

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### Disposal of contaminated packaging

Do not reuse empty containers.

## SECTION 14: Transport information

### DOT (US)

Not dangerous goods

### IMDG

Not dangerous goods

### IATA

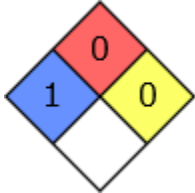
Not dangerous goods

## SECTION 15: Regulatory information

### HMIS Rating

11-184	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

### NFPA Rating



## SECTION 16: Other information

### Further information/disclaimer

While the description, data, and information contained herein are presented in good faith and believed to be accurate, it is provided for guidance only. Because many factors may affect application/use, it is recommended that you make tests to determine the suitability of a product for your particular purpose prior to use. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding the product described, data, or information set forth, or that the product, data, or information may be used without infringing the intellectual property rights of others. In no case shall the description, information, or data provided be considered a part of our terms and conditions of sale. Further, you expressly understand and agree the description, data, and information furnished herein are provided gratis and we assume no obligation or liability for the description, data, and information given or results obtained, all such being given and accepted at your risk. The content of this SDS (a.k.a. MSDS) is copyrighted [(c) PFI]. This SDS may be shared, without changes, and no changes to the PFI content are authorized. Updates to all PFI SDS documents must be obtained directly from PFI. See Section 1 for PFI contact and website information.