



**PREMIER FINISHES INC.**

**Safety Data Sheet**  
**11-224**

---

**SECTION 1: Identification**

**1.1 Product identifier**

Product name **Solar Shield Matte Natural**

**1.4 Supplier's details**

Name Premier Finishes Inc.  
Address PO Box 3146  
Oregon City, OR 97045  
USA

Telephone 503-241-2770

Fax 503-241-2363

**PremierFinishes.net**

---

**SECTION 2: Hazard identification**

**2.1 Classification of the substance or mixture**

**2.2 GHS label elements, including precautionary statements**

**Pictogram**



---

## SECTION 3: Composition/information on ingredients

### 3.2 1. MONOETHANOLAMINE

Concentration	> 0.1 - < 0.2 %
EC no.	205-483-3
CAS no.	141-43-5
Index no.	603-030-00-8

### 2. 2-Butoxyethanol

Concentration	> 0.1 - < 0.5 %
EC no.	203-905-0
CAS no.	111-76-2
Index no.	603-014-00-0

### 3. 2-(2-BUTOXYETHOXY)ETHANOL

Concentration	> 0.1 - < 0.2 %
EC no.	203-961-6
CAS no.	112-34-5
Index no.	603-096-00-8

### 4. Silicone dioxide, chemically prepared

Concentration	> 0.1 - < 0.9 %
CAS no.	112945-52-5

### 5. Dipropylene glycol monomethyl ether

Concentration	> 1 - < 4 %
CAS no.	34590-94-8

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

Any concentration shown as a range is to protect confidentiality or due to batch variation. See OSHA 1910.1200(i)

---

## SECTION 4: First-aid measures

### 4.1 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.

# Safety Data Sheet

## 11-224

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.

### 4.2 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

### 5.1 Suitable extinguishing media

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

### 5.2 Specific hazards arising from the chemical

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

### 5.3 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

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

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

### 6.2 Environmental precautions

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

### 6.3 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

### 7.1 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.

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

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

---

## SECTION 8: Exposure controls/personal protection

### 8.2 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.

# Safety Data Sheet

## 11-224

### 8.3 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

Appearance/form (physical state, color, etc.)	liquid
Odor	acrylic
Odor threshold	Not determined.
pH	8.3 - 9.3
Melting point/freezing point	0 C / 32F = Freeze
Initial boiling point and boiling range	No data available.
Flash point	None
Evaporation rate	slower than ether
Flammability (solid, gas)	Not applicable.
Upper/lower flammability limits	No data available.
Vapor pressure	No data available.
Vapor density	Heaver than air
Relative density	8.58 lb./gl.
Solubility(ies)	Water
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	11" - 13" 3ZAHN
Explosive properties	None.
Oxidizing properties	Hazardous polymerization will not occur.

## **SECTION 10: Stability and reactivity**

### **10.1 Reactivity**

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

### **10.2 Chemical stability**

Stable under recommended storage conditions.

### **10.3 Possibility of hazardous reactions**

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

### **10.4 Conditions to avoid**

No data available.

### **10.5 Incompatible materials**

No data available.

### **10.6 Hazardous decomposition products**

No data available.

---

## **SECTION 11: Toxicological information**

### **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**

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

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

### Bio-accumulative potential

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

Does not bio-accumulate

### 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.

### Disposal of contaminated packaging

Do not reuse empty containers.

### Waste treatment

Dispose of contents/containers in accordance with local regulations.

### Sewage disposal

Dispose of contents/containers in accordance with local regulations.

### Other disposal recommendations

Dispose of contents/containers in accordance with local regulations.

---

## SECTION 14: Transport information

### DOT (US), IMDG, IATA

Not dangerous goods

---

## SECTION 15: Regulatory information

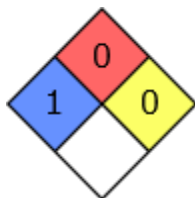
### HMIS Rating

11-224	
HEALTH	* 1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

# Safety Data Sheet

## 11-224

### NFPA Rating



---

## SECTION 16: Other information

### 16.1 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 that the description, data, and information furnished herein are given 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.