



PREMIER FINISHES INC.

Safety Data Sheet 11-189 SolarShield - Charcoal

SECTION 1: Identification

Product identifier

Product name	11-189 SolarShield - Charcoal
Product number	11-189
Brand	SolarShield

Other means of identification

Medallion / Slate Grey

Supplier's details

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

SECTION 2: Hazard identification

Classification of the substance or mixture

GHS label elements, including precautionary statements

Pictogram



1. Exclamation mark

Hazard statement(s)

H303	May be harmful if swallowed
H317	May cause an allergic skin reaction
H333	May be harmful if inhaled

Precautionary statement(s)

P102	Keep out of reach of children.
P103	Read label before use.
P233	Keep container tightly closed.
P202	Do not handle until all safety precautions have been read and understood.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P501	Dispose of contents/container to an approved waste disposal plant.

SECTION 3: Composition/information on ingredients

Mixtures

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

Hazardous components

1. Optigel WX *

Concentration 0.01 - 1 %

2. MONOETHANOLAMINE 85% & 99%

Concentration 0.01 - 1 %
EC no. 205-483-3
CAS no. 141-43-5
Index no. 603-030-00-8

- Acute toxicity (chapter 3.1), Cat. 4
- Skin corrosion/irritation (chapter 3.2), Cat. 1B
- Flammable liquids (chapter 2.6), Cat. 4
- Eye damage/irritation (chapter 3.3), Cat. 1
- Specific target organ toxicity, single exposure (chapter 3.8), Cat. 3
- Hazardous to the aquatic environment - acute hazard (chapter 4.1), Cat. 2
- Hazardous to the aquatic environment - long-term hazard (chapter 4.1), Cat. 3

H227	Combustible liquid
H302	Harmful if swallowed
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage
H332	Harmful if inhaled
H335	May cause respiratory irritation
H401	Toxic to aquatic life
H412	Harmful to aquatic life with long lasting effects

3. Propylene Glycol

Concentration 1 - 5 %
CAS no. 57-55-6

4. Iron (III) oxide

Concentration 1 - 5 %
CAS no. 1309-37-1

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	Seek medical attention if ingested.
If inhaled	Remove from exposure. Seek medical attention if breathing becomes difficult.

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In case of skin contact	Rinse with soap and water. Remove contaminated clothing and launder before re-use.
In case of eye contact	If in eyes: Rinse with water for 15 minutes, remove contact lenses. Get medical advice.
If swallowed	Call a poison center or doctor. Do not induce vomiting unless directed to do so by medical personnel.

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

No data available.

Special protective actions for fire-fighters

No data available.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes, and ensure adequate ventilation.

Environmental precautions

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

Methods and materials for containment and cleaning up

Create a dike or trench to contain material. Soak up with inert absorbent material and then place in a chemical waste container. Contain all liquids for treatment or disposal.

SECTION 7: Handling and storage

Precautions for safe handling

Avoid contact with skin and eyes.

Conditions for safe storage, including any incompatibilities

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

SECTION 8: Exposure controls/personal protection

Control parameters

CAS: (not specified)

Nuisance Dust

ACGIH (US): 3 mg/m³ 10 mg/m³ TWA inhalation

CAS: 141-43-5

Ethanolamine

ACGIH (USA): 3 ppm, (ST) 6 ppm TLV® inhalation; Cal/OSHA: 3 ppm, (ST) 6 ppm PEL inhalation; NIOSH: 3 ppm, (ST) 6 ppm REL inhalation; OSHA: 3 ppm PEL inhalation; 6 mg/m³ PEL inhalation

CAS: 14808-60-07

Quartz

ACGIH (US): .025 mg/m³ TWA

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

Pictograms



Eye/face protection

Safety glasses.

Skin protection

Wear protective gloves and suitable protective clothing.

Body protection

Wear suitable clothing.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Liquid
Odor	acrylic
pH	8.3 - 9.3
Melting point/freezing point	Melt - NA / Freeze - 0 C/32 F
Initial boiling point and boiling range	100C / 212F
Flash point	(closed cup) NONE
Evaporation rate	Slower than ether
Flammability (solid, gas)	Not applicable.
Vapor density	Heavier than air
Relative density	10.01 lb./gal.
Solubility(ies)	Water
Explosive properties	None.
Oxidizing properties	No data available.

Other safety information

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.

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MONOETHANOLAMINE 85% & 99%: Oxidizers, acids

Hazardous decomposition products

No data available.

Optigel WX *: No dangerous reaction known under conditions of normal use

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

No data available.

MONOETHANOLAMINE 85% & 99%: *ACUTE/CHRONIC HAZARDS:

This compound is irritating to the skin, eyes, lungs and mucous membranes. [058,269]. It may be absorbed through the skin [058]. Hazardous decomposition products may include carbon monoxide, carbon dioxide and oxides of nitrogen [058,269].

Skin corrosion/irritation

No data available.

Serious eye damage/irritation

No data available.

Respiratory or skin sensitization

No data available.

MONOETHANOLAMINE 85% & 99%: *RECOMMENDED RESPIRATOR:

Where the neat test chemical is weighed and diluted, wear a NIOSH- approved half face respirator equipped with an organic vapor/acid gas cartridge (specific for organic vapors, HCl, acid gas and SO₂) with a dust/mist filter. Splash proof safety goggles should be worn while handling this chemical. Alternatively, a full-face respirator, equipped as above, may be used to provide simultaneous eye and respiratory protection.

Germ cell mutagenicity

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.

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SECTION 12: Ecological information

Toxicity

No data available.

Optigel WX *: Contains a substance which risk of hazardous effects to the environment.

Persistence and degradability

No data available.

Optigel WX *: Not inherently biodegradable. the methods for determining the biological degradability are not applicable to inorganic substances.

MONOETHANOLAMINE 85% & 99%: Biodegradability aerobic - Exposure time 28 d

Result: > 70 % - Readily biodegradable

(OECD Test Guideline 301F)

Bioaccumulative potential

No data available.

MONOETHANOLAMINE 85% & 99%:

<http://webnet.oecd.org/ccrweb/ChemicalDetails.aspx?ChemicalID=A51B9C16-0837-416F-9697-991CEC9F46D1>

Bioaccumulative (B)? No

Mobility in soil

No data available.

Results of PBT and vPvB assessment

No data available.

Other adverse effects

No data available.

SECTION 13: Disposal considerations

Disposal of the product

Dispose of contents/containers in accordance with local regulations.

Disposal of contaminated packaging

Dispose of contents/containers in accordance with local regulations.

Waste treatment

Dispose of contents/containers in accordance with local regulations.

Sewage disposal

Dispose of contents/containers in accordance with local regulations.

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

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IATA

Not dangerous goods

SECTION 15: Regulatory information

Safety, health and environmental regulations specific for the product in question

US federal regulations

CAS number: 141-43-5. Chemical name: 1,2-Propanediol

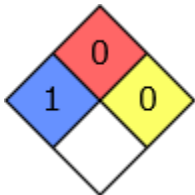
CAS number: 57-55-6. 2,4,7,9-Tetramethyldec-5-yne-4,7-diol

CERCLA/SARA Hazardous Substance- Not applicable

HMIS Rating

11-189 SolarShield - Charcoal	
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 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.