



PREMIER FINISHES INC.

Safety Data Sheet 11-186 Easy Green Eggshell Exterior Acrylic

SECTION 1: Identification

Product identifier

Product name 11-186 Easy Green Eggshell Exterior Acrylic
Product number 11-186
Brand SolarShield

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



Signal word

Warning

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.

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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. TiO2 90

Concentration 15 - 20 %
CAS no. 13463-67-7

5. Kaolin, calcined

Concentration 1 - 5 %
EC no. 296-473-8
CAS no. 92704-41-1

6. Calcium Carbonate 90-100

Concentration 1 - 5 %
CAS no. 1317-65-3

7. Ammonium hydroxide 0.6%

Concentration 35 - 40 %
EC no. 215-647-6
CAS no. 1336-21-6

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Index no. 007-001-01-2

- Skin corrosion/irritation (chapter 3.2), Cat. 1B
- Hazardous to the aquatic environment - acute hazard (chapter 4.1), Cat. 1

H314 Causes severe skin burns and eye damage
H400 Very toxic to aquatic life

8. Propanoic acid, 2-methyl-, monoester with 2,2,4-trimethyl-1,3-pentanediol

Concentration 1 - 5 %
EC no. 246-771-9
CAS no. 25265-77-4

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.
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.

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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: 111-76-2

2-Butoxyethanol

ACGIH (USA): 20 ppm TLV[®] inhalation; Cal/OSHA: 20 ppm PEL inhalation; NIOSH: 5 ppm REL inhalation; OSHA: 50 ppm PEL inhalation; 240 mg/m³ PEL inhalation

CAS: 1317-65-3

Calcium Carbonate

ACGIH (USA): See ^oLV^oookAppendix G TLV[®] inhalation; Cal/OSHA: see PNOR PEL inhalation

Calcium Carbonate, Respirable fraction

Cal/OSHA: 5 mg/m³ PEL inhalation; NIOSH: 5 mg/m³ REL inhalation; OSHA: 5 mg/m³ PEL inhalation

Calcium Carbonate, Total dust

Cal/OSHA: 10 mg/m³ PEL inhalation; NIOSH: 10 mg/m³ REL inhalation; OSHA: 15 mg/m³ PEL inhalation

Limestone

ACGIH (USA): See calcium carbonate TLV[®] inhalation; Cal/OSHA: see PNOR PEL inhalation

Limestone, Respirable fraction

Cal/OSHA: 5 mg/m³ PEL inhalation; NIOSH: 5 mg/m³ REL inhalation; OSHA: 5 mg/m³ PEL inhalation

Limestone, Total dust

Cal/OSHA: 10 mg/m³ PEL inhalation; NIOSH: 10 mg/m³ REL inhalation; OSHA: 15 mg/m³ PEL inhalation

Marble

Cal/OSHA: See PNOR PEL inhalation

Marble, Respirable fraction

Cal/OSHA: 5 mg/m³ PEL inhalation; NIOSH: 5 mg/m³ REL inhalation; OSHA: 5 mg/m³ PEL inhalation

Marble, Total dust

Cal/OSHA: 10 mg/m³ PEL inhalation; NIOSH: 10 mg/m³ REL inhalation; OSHA: 15 mg/m³ PEL inhalation

CAS: 1332-58-7

Kaolin, Respirable fraction

ACGIH (USA): 2 mg/m³ (no asbestos and < 1% crystalline silica) TLV[®] inhalation; Cal/OSHA: 2 mg/m³, (no asbestos, < 1% crystalline silica) PEL inhalation; NIOSH: 5 mg/m³ REL inhalation; OSHA: 5 mg/m³ PEL 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

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CAS: 14808-60-07

Quartz

ACGIH (US): .025 mg/m³ TWA

CAS: 14808-60-7

Quartz

OSHA (US): 0.1 mg/m³ 0.3 mg/m³ TWA

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.)	Light Green Liquid
pH	8.3-9.0
Melting point/freezing point	Melt - NA / Freeze - 0c / 32f
Initial boiling point and boiling range	100c / 212f
Flash point	(closed cup) NONE
Evaporation rate	Slower than Ether
Flammability (solid, gas)	none
Vapor density	Heavier than air
Relative density	10.39 wpg
Solubility(ies)	Water

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 dangerous reaction known under conditions of normal use

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

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

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.

SECTION 12: Ecological information

Toxicity

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

Persistence and degradability

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

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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

IATA

Not dangerous goods

SECTION 15: Regulatory information

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

US federal regulations

Chemical name: Propanol, oxybis-

CAS number: 25265-71-8. Chemical name: Diphosphoric acid, tetrasodium salt

CAS number: 7722-88-5. Chemical name: Ethanol, 2-amino-

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

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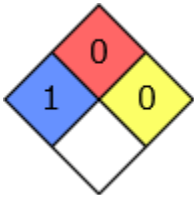
CAS number: 57-55-6. 2,4,7,9-Tetramethyldec-5-yne-4,7-diol

CAS-No. 126-86-3. This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. CERCLA/SARA Hazardous Substance- Not applicable

HMIS Rating

11-186 Easy Green Eggshell Exterior Acrylic	
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.