



PREMIER FINISHES INC.

Safety Data Sheet 10-525

SECTION 1: Identification

Product identifier

Product name 100% Acrylic Interior/Exterior Primer - Moss

Product number 10-525

Other means of identification

100% Acrylic Interior/Exterior Primer - Moss

Recommended use of the chemical and restrictions on use

Primers (Paint 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
email office@premierfinishes.net

SECTION 2: Hazard identification

Classification of the substance or mixture

GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)

GHS label elements, including precautionary statements

Pictogram



Hazard statement(s)

H302 Harmful if swallowed
H317 May cause an allergic skin reaction

Precautionary statement(s)

P102 Keep out of reach of children.
P103 Read label before use.

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. MONOETHANOLAMINE 85% & 99%

Concentration $\geq 0.117 - < 0.12$ % (Weight)
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

2. Polycarboxylate, sodium salt

Concentration $\geq 0.779 - < 0.8$ % (Weight)

3. Distillates (petroleum), hydrotreated heavy paraffinic

Concentration $\geq 0.47 - < 0.5$ % (Weight)
CAS no. 64742-54-7

4. Triton CF 10

Concentration $\geq 0.117 - \leq 0.12$ % (Weight)

5. 1,2-Propanediol

Concentration $\geq 0.6236 - \leq 0.624$ % (Weight)
CAS no. 57-55-6

6. Surfynol 104BC

Concentration $\geq 0.08 - \leq 0.1$ % (Weight)

7. Calcium carbonate (Natural)

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Concentration $\geq 32.115 - \leq 32.12$ % (Weight)
CAS no. 1317-65-3

8. Acrysol

Concentration $\geq 0.117 - \leq 0.12$ % (Weight)

9. Optigel WX

Concentration $\geq 0.117 - \leq 0.12$ % (Weight)

10. TITANIUM DIOXIDE

Concentration $\geq 11.69 - \leq 12$ % (Weight)
CAS no. 13463-67-7

11. Component 18 (trade secret)

Concentration $\geq 0.08 - \leq 0.1$ % (Weight)

- Eye damage/irritation (chapter 3.3), Cat. 1
- Acute toxicity, oral (chapter 3.1), Cat. 4

12. Component 19 (trade secret)

Concentration $\geq 0.8 - \leq 1$ % (Weight)

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: Wash with plenty of soap and water for at least 15 minutes. Call a poison center or doctor if you feel unwell. 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.

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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.

Specific end use(s)

Do not freeze. Product will not recover.

SECTION 8: Exposure controls/personal protection

Control parameters

CAS: (not specified)

Component 12 (trade secret)

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ACGIH (USA): 5 mg/m³ (resp.) TLV® inhalation; Cal/OSHA: 5 mg/m³ (fume) PEL inhalation; NIOSH: 5 mg/m³ (dust and fume) REL inhalation; OSHA: 10 (fume) mg/m³ PEL inhalation

Component 15 (trade secret)

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: 10 mg/m³ REL inhalation; 5 mg/m³ REL inhalation; OSHA: 15 mg/m³ PEL inhalation; 5 mg/m³ PEL inhalation

Oil mist, mineral

ACGIH: 5 mg/m³ TWA inhalation

CAS: 1317-65-3

Calcium Carbonate

ACGIH (USA): See Appendix 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: 13463-67-7

Titanium dioxide - Total dust

ACGIH (USA): 10 mg/m³ TLV® inhalation; Cal/OSHA: See PNOR PEL inhalation; NIOSH: Ca, (ultrafine particles), 2.4 mg/m³ fine), 0.3 mg/m³(ultrafine), See Appendix A, See Appendix C REL inhalation; OSHA: 15 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

CAS: 57-55-6

1,2-Propanediol

ACGIH (USA): 10 mg/m³ Workplace Environmental Exposure Levels (WEEL) inhalation

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



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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

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Liquid
Odor	Slight acrylic
Odor threshold	Not determined.
pH	8.5-9.5
Melting point/freezing point	Melt - NA, Freeze 0 C/32 F
Initial boiling point and boiling range	100 C / 212 F
Flash point	None
Evaporation rate	Slower than Ether
Flammability (solid, gas)	Not applicable.
Upper/lower flammability limits	Not applicable.
Vapor pressure	Not applicable.
Vapor density	Heavier than air
Relative density	1.455
Solubility(ies)	Water
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	Not applicable.
Decomposition temperature	Not applicable.
Viscosity	12-14" #3Zahn
Explosive properties	None
Oxidizing properties	No data available.

Other safety information

Other information

Wt. % Solids: 64.02

Vol. % Solids: 43.33

Spread Rate 695 sq. ft. @ 1 mil

Material VOC: 0.14 lb / gal.

Coatings VOC (-water): 0.27 lb / gal.

Delta E: .5

SECTION 10: Stability and reactivity

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Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Chemical stability

No hazardous decomposition products if stored and handled as prescribed/indicated.

Possibility of hazardous reactions

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

Conditions to avoid

Avoid freezing. Product will not recover.

Incompatible materials

No data available.

Hazardous decomposition products

No data available.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

No significant reaction of the human body to this specific product known. Routes of entry for liquids are ingestion and inhalation, but may include eye or skin contact.

Symptoms (including delayed and immediate effects):

Inhalation: May cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Ingestion: May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

Eye: see below.

Skin: see below.

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

This product is or contains a component that has been reported to be carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification

IARC: Result: 2B - Group 2B: Possibly carcinogenic to humans (Titanium(IV) oxide)

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

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OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

MONOETHANOLAMINE
LD50 Oral - Rat - 1,089 mg/kg
Result: (OECD Test Guideline 401)

MONOETHANOLAMINE
LD50 Skin - Rat - 1,015 mg/kg

MONOETHANOLAMINE
LC50 - Cyprinus carpio (Carp) - 150 mg/l - 96 h

MONOETHANOLAMINE
EC50 - Daphnia magna (water flea) - 65 mg/l - 48 h

MONOETHANOLAMINE
EC50 - Selenastrum capricornutum (green algae) - 2.8 mg/l - 72 h

MONOETHANOLAMINE
EC50 - Pseudomonas putida - 110 mg/l - 17 h

TITANIUM DIOXIDE
IARC carcinogen
Result: 2B - Group 2B: Possibly carcinogenic to humans (Titanium(IV) oxide)

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 aspiration hazard expected.

SECTION 12: Ecological information

Toxicity
According to known experience, the material has no harmful effect on the environment.

Persistence and degradability
No data available.

MONOETHANOLAMINE: Biodegradability aerobic - Exposure time 28 d
Result: > 70 % - Readily biodegradable
(OECD Test Guideline 301F)

Bioaccumulative potential
At the present state of knowledge, no negative ecological effects are expected.

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MONOETHANOLAMINE:

<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

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

Other adverse effects

According to known experience, the material has no harmful effect on the environment.

SECTION 13: Disposal considerations

Disposal of the product

Treatment in biological waste water treatment plants must be performed according to local and administrative regulations.

Disposal of contaminated packaging

Do not reuse empty containers. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

Waste treatment

Treatment in biological waste water treatment plants must be performed according to local and administrative regulations.

Sewage disposal

Treatment in biological waste water treatment plants must be performed according to local and administrative regulations.

Other disposal recommendations

Treatment in biological waste water treatment plants must be performed according to local and administrative 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

Massachusetts Right To Know Components

Chemical name: 3-Iodo-2-propynyl butylcarbamate

CAS number: 55406-53-6. Chemical name: Iron oxide

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CAS number: 1309-37-1

New Jersey Right To Know Components

Hexamethylindanopyran

CAS: 1222-05-5. Common name: CARBENDAZIM

CAS number: 10605-21-7. Isocyclocitral

CAS-No. 1335-66-6. Common name: PROPYLENE GLYCOL

CAS number: 57-55-6. Common name: IRON OXIDE

CAS number: 1309-37-1. Common name: TITANIUM DIOXIDE

CAS number: 13463-67-7

Pennsylvania Right To Know Components

Hexamethylindanopyran

CAS: 1222-05-5. Chemical name: Kaolin

CAS number: 1332-58-7. Isocyclocitral

CAS-No. 1335-66-6. Chemical name: 1,2-Propanediol

CAS number: 57-55-6. Chemical name: Limestone

CAS number: 1317-65-3. Chemical name: Iron oxide

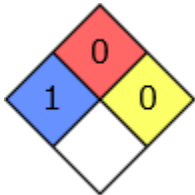
CAS number: 1309-37-1. Chemical name: Titanium oxide

CAS number: 13463-67-7

HMIS Rating

10-525	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

NFPA Rating



SECTION 16: Other information

Do not freeze. Product will not recover.

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.