



PREMIER FINISHES INC.

Safety Data Sheet
10-444

SECTION 1: Identification

Product name

Gloss Gray DTM Enamel Sea Gray

Supplier's details

Name

Premier Finishes Inc.

Address

PO Box 3146
Oregon City, OR 97045
USA

Telephone

503-241-2770

Fax

503-241-2363

email

office@premierfinishes.net

PremierFinishes.net

SECTION 2: Hazard identification

Pictogram



Hazard statement(s)

H303

May be harmful if swallowed

H333

May be harmful if inhaled

H317

May cause an allergic skin reaction

Precautionary statement(s)

P102

Keep out of reach of children.

P103

Read label before use.

P202

Do not handle until all safety precautions have been read and understood.

P233

Keep container tightly closed.

P261

Avoid breathing dust/fume/gas/mist/vapours/spray.

P262

Do not get in eyes, on skin, or on clothing.

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

1. MONOETHANOLAMINE

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

2. 1,2-Propanediol

Concentration > 0.3 - < 0.34 %
CAS no. 57-55-6

3. Poly(ethylene glycol-ran-propylene glycol) monobutyl ether

Concentration > 0.3 - < 0.42 %
CAS no. 9038-95-3

4. TITANIUM DIOXIDE

Concentration > 10 - < 16 %
CAS no. 13463-67-7

5. Aluminum hydroxide

Concentration < 1.6 %
EC no. 244-492-7
CAS no. 21645-51-2

6. Dipropylene glycol monomethyl ether

Concentration > 2.4 - < 2.5 %
CAS no. 34590-94-8

7. Dipropylene glycol butoxy ether

Concentration > 1.2 - < 1.3 %
CAS no. 29911-28-2

8. 2,2,4-Trimethyl-1,3-pentanediol monoisobutyrate

Concentration > 1.2 - < 1.3 %
EC no. 246-771-9
CAS no. 25265-77-4

9. Iron hydroxide oxide yellow

Concentration > 0.2 - < 0.22 %
CAS no. 51274-00-1

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

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 warm soap and water. Remove contaminated clothing and laundry before re-use.

Safety Data Sheet

10-444

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

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

The risks profiled are not attributable to formulated products, like paint, where TiO₂ dust is embedded in the mixture. It is imperative to stress that any form of TiO₂ used in paint and other formulated products is stably embedded in a polymer matrix/liquid matrix and not available for exposure by inhalation. Paints, coatings, inks and other polymers have a long history of safe use, as do the organic and organo-metallic pigments and dyes that have been used in these and other applications.

Safety Data Sheet

10-444

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: 29911-28-2

Dipropylene glycol butoxy ether

Dow IHG: 10 mg/m3 inhalation

CAS: 34590-94-8

Dipropylene glycol methyl ether

ACGIH (USA): 100 ppm, (ST) 150 ppm TLV® inhalation; Cal/OSHA: 100 ppm, (ST) 150 ppm PEL inhalation; NIOSH: 100 ppm, (ST) 150 ppm REL inhalation; OSHA: 100 ppm PEL inhalation; 600 mg/m3 PEL inhalation

CAS: 57-55-6

1,2-Propanediol

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

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

Appearance/form (physical state, color, etc.)	Liquid
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) >200F
Evaporation rate	Slower than ether
Vapor density	Heavier than air
Relative density	9.62 lb./gal.
Solubility(ies)	Water
Explosive properties	None

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.

Safety Data Sheet

10-444

Incompatible materials

Avoid contact with strong oxidizing agents.

Hazardous decomposition products

None known.

SECTION 11: Toxicological information

Acute toxicity

No data available.

Skin corrosion/irritation

No data available.

Serious eye damage/irritation

No data available.

Respiratory or skin sensitization

No data available.

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

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)

Dipropylene glycol butoxy ether:

<http://webnet.oecd.org/Hpv/UI/handler.axd?id=312b87f0-63b5-4e78-82b5-b53bc3f7b0d3>

Propylene glycol ethers are unlikely to persist in the environment. Once in air, the half-life of the category members due to direct reactions with photochemically generated hydroxyl radicals, range from 2.0 hours for TPM to 4.6 hours for PnB. In water, 3 of the 4 new category members and all 3 existing members are "readily biodegradable" under

Safety Data Sheet

10-444

aerobic conditions. (DPMA degraded within 28 days (and within the specified 10-day window) but only using pre-adapted or “acclimated” inoculum.) In soil, biodegradation is rapid for PM and PMA. Acute aquatic toxicity testing indicates low toxicity for both ethers and acetates. For ethers, effect concentrations are > 500 mg/L. For acetates, effect concentrations are > 151 mg/L.

Bioaccumulative potential

Dipropylene glycol monomethyl ether:

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

Does not bioaccumulate

Dipropylene glycol butoxy ether:

<http://webnet.oecd.org/Hpv/UI/handler.axd?id=312b87f0-63b5-4e78-82b5-b53bc3f7b0d3>

For this class of chemical, Calculated BCF's range from 1.47 for DPnB to 3.16 for DPMA and TPM, indicating low bioaccumulation.

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), IMDG, IATA

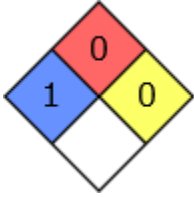
Not dangerous goods

SECTION 15: Regulatory information

HMIS Rating

10-444	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

NFPA Rating



SECTION 16: Other 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.