



PREMIER FINISHES INC.

Safety Data Sheet 10-424

SECTION 1: Identification

Product name

Low VOC Acrylic RIO DTM Primer

Supplier's details

Name
Address

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

Telephone
Fax
email

503-241-2770
503-912-1439
office@premierfinishes.net

PremierFinishes.net

SECTION 2: Hazard identification

Pictogram



Hazard statement(s)

H303
H333
H317

May be harmful if swallowed
May be harmful if inhaled
May cause an allergic skin reaction

Precautionary statement(s)

P102
P103
P202
P233
P261
P262
P280
P501

Keep out of reach of children.
Read label before use.
Do not handle until all safety precautions have been read and understood.
Keep container tightly closed.
Avoid breathing dust/fume/gas/mist/vapors/spray.
Do not get in eyes, on skin, or on clothing.
Wear protective gloves/protective clothing/eye protection/face protection.
Dispose of contents/container to an approved waste disposal plant.

SECTION 3: Composition/information on ingredients

1. MONOETHANOLAMINE

Concentration > 0.1 - < 0.13 %
EC no. 205-483-3
CAS no. 141-43-5
Index no. 603-030-00-8

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

Concentration $\geq 0.255 - < 0.258$ %
CAS no. 9038-95-3

3. 1,2-Propanediol

Concentration $\geq 0.182 - \leq 0.196$ %
CAS no. 57-55-6

4. 2,4,7,9-Tetramethyl-5-decyne-4,7-diol, mixture of (\pm) and meso

Concentration 0.2 - 0.2 %
EC no. 204-809-1
CAS no. 126-86-3

5. 2-Butoxyethanol

Concentration 0.2 - 0.2 %
EC no. 203-905-0
CAS no. 111-76-2
Index no. 603-014-00-0

6. Iron (III) oxide

Concentration > 1 - < 20 %
CAS no. 1309-37-1

7. Dipropylene glycol monomethyl ether

Concentration $\geq 2.3 - \leq 2.3$ %
CAS no. 34590-94-8

8. Dipropylene glycol butoxy ether

Concentration $\geq 1.14 - \leq 1.14$ %
CAS no. 29911-28-2

9. 2,2,4-Trimethyl-1,3-pentanediol monoisobutyrate

Concentration $\geq 1.14 - \leq 1.14$ %
EC no. 246-771-9
CAS no. 25265-77-4

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

Description of necessary first-aid measures

General advice Seek medical attention if ingested.

Safety Data Sheet

10-424

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 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

Pictograms



Eye/face protection

Safety glasses.

Skin protection

Wear protective gloves and suitable protective clothing.

Safety Data Sheet

10-424

Body protection

Wear suitable clothing.

SECTION 9: Physical and chemical properties

Appearance/form (physical state, color, etc.)	Liquid
Odor	acrylic
pH	8.5 - 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
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.

Incompatible materials

Avoid contact with strong oxidizing agents.

Hazardous decomposition products

None known. Hazardous polymerization will not occur.

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.

Safety Data Sheet

10-424

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)

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 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

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.

Safety Data Sheet

10-424

Sewage disposal

Dispose of contents/containers in accordance with local regulations.

SECTION 14: Transport information

DOT (US), IMDG, IATA

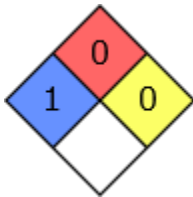
Not dangerous goods

SECTION 15: Regulatory information

HMIS Rating

10-424	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

NFPA Rating



SECTION 16: Other information

Disclaimer:

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