

# Product Safety Data Sheet

## PRIME X4

### SECTION 1: Identification

**Product identifier**

**Product name** PremierPro Series-100% Acrylic Int/Ext SB Primer – Deep Base

**Product Number** 10-888

**Brand Name(s), AKA** PRIME X4

**Manufactured for  
Endura-Clad Coatings by:**

Premier Finishes Inc.  
17890 NE Airport Way #155  
Portland, OR 97230  
USA  
503-241-2770

**Recommended use of the chemical and restrictions on use**

Stain blocking primer/basecoat for interior or exterior application.

### 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**

1. Exclamation mark

**Signal word****Hazard statement(s)**

H317

H303

H333

**Precautionary statement(s)**

P280

P501

P102

P103

**Warning**

May cause an allergic skin reaction

May be harmful if swallowed

May be harmful if inhaled

Wear protective gloves/protective clothing/eye protection/face protection.

Dispose of contents/container to an approved waste disposal plant.

Keep out of reach of children.

Read label before use.

# Product Safety Data Sheet

## PRIME X4

### 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	0.0001 - 0.02 %
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. Propylene Glycol

Concentration	0.01 - 0.2 %
CAS no.	57-55-6

##### 3. 2-OCTYL-3-ISOTHIAZOLONE

Concentration	0.001 - 0.2 %
EC no.	247-761-7
CAS no.	26530-20-1
Index no.	613-112-00-5
- Acute toxicity (chapter 3.1), Cat. 3	
- Acute toxicity (chapter 3.1), Cat. 4	
- Skin corrosion/irritation (chapter 3.2), Cat. 1B	
- Sensitization, skin (chapter 3.4), Cat. 1	
- Hazardous to the aquatic environment - acute hazard (chapter 4.1), Cat. 1	
- Hazardous to the aquatic environment - long-term hazard (chapter 4.1), Cat. 1	
H302	Harmful if swallowed
H311	Toxic in contact with skin
H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction
H331	Toxic if inhaled
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

# Product Safety Data Sheet

## PRIME X4

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, nausea, dizziness, breathing difficulty, headaches, and loss of coordination. Effects from vapors or spray mists in poorly ventilated areas may include irritation of the mucus membranes.
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 or sensitivity. Signs/symptoms may include localized redness, cracks, swelling, itching, and dermatitis.
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.
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

Foam, alcohol foam, CO<sub>2</sub>, dry chemical, water fog. 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 due to buildup of steam pressure.

# Product Safety Data Sheet

## PRIME X4

### 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. Water spray may be used to cool closed containers to prevent pressure build-up and possible rupture of containers.

### Further information

Avoid contact with strong alkalis, strong mineral acids, or strong oxidizing agents.

## 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. Do not freeze. Product will not recover.

### Specific end use(s)

Product can be applied by airless or assisted-airless spray or vacuum coater.

## SECTION 8: Exposure controls/personal protection

### Control parameters

#### 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/m<sup>3</sup> PEL 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



#### Eye/face protection

Safety glasses with side-shields.

# Product Safety Data Sheet

## PRIME X4

### 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	Mild latex odor
Odor threshold	Not determined.
pH	8.3-9.3
Melting point/freezing point	32°F / 0°C
Initial boiling point and boiling range	212°F / 100°C
Flash point	None (closed cup)
Evaporation rate	Slower than ether
Vapor density	Heavier than air
Relative density	10.58 wpg
Solubility(ies)	In water
Auto-ignition temperature	None
Decomposition temperature	No data available.
Viscosity	98-100KU

### Other safety information

Other information

Wt. % Solids: 48

## 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.

# Product Safety Data Sheet

## PRIME X4

### Hazardous decomposition products

No data available.

## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute toxicity

Likely Routes of Exposure: Eye contact. Skin contact. Inhalation. Ingestion.

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.

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

May cause skin irritation. Signs/symptoms may include localized redness, cracks, swelling, dermatitis, and itching.

#### Serious eye damage/irritation

May cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, burning, blurred or hazy vision.

#### Respiratory or skin sensitization

No data available.

#### Germ cell mutagenicity

No data available.

#### Carcinogenicity

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.

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.

Silica: IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC.

#### Reproductive toxicity

No data available.

#### Summary of evaluation of the CMR properties

No data available.

# Product Safety Data Sheet

## PRIME X4

### SECTION 12: Ecological information

#### Persistence and degradability

MONOETHANOLAMINE: Biodegradability aerobic - Exposure time 28 d

Result: > 70 % - Readily biodegradable

(OECD Test Guideline 301F)

Dipropylene glycol monomethyl ether: Biodegradability aerobic - Exposure time 28 d

Result: 76 % - Readily biodegradable

(OECD Test Guideline 301F)

#### Bioaccumulative potential

MONOETHANOLAMINE:

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

Bioaccumulative (B)? No

Dipropylene glycol monomethyl ether:

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

Does not bioaccumulate

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

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

### 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.

#### Other disposal recommendations

Dispose of contents/containers in accordance with local regulations.

### SECTION 14: Transport information

#### DOT (US)

Not dangerous goods

#### IMDG

Not dangerous goods

# Product Safety Data Sheet

## PRIME X4

IATA

Not dangerous goods

### SECTION 15: Regulatory information

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

#### New Jersey Right To Know Components

Common name: ETHANOLAMINE

CAS number: 141-43-5

#### Pennsylvania Right To Know Components

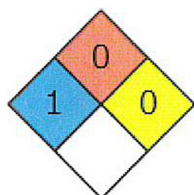
Chemical name: Ethanol, 2-amino-

CAS number: 141-43-5

#### HMIS Rating

PremierPro-100%Acrylic Int/Ext SB Primer	
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.