PREMIER FINISHES INC.

Safety Data Sheet
10-872

SECTION 1: Identification

1.1 Product identifier

Product name	10-872 * SuperSeal Stain Block Restoration Primer
Brand	SuperSeal

1.2 Other means of identification
TuffKote, 278-05

1.3 Recommended use of the chemical and restrictions on use
Stain blocking primer/basecoat (paint or paint-related) for wood species containing high tannin content and/or water, smoke and other markup damage. For interior or exterior application. Can be used with a top coat (required for exterior use) or without as a finish coating.

1.4 Supplier's details

Name	Premier Finishes Inc.
Address	17890 NE Airport Way #155 Portland, OR 97230 USA
Telephone	503-241-2770
Fax	
email	office@premierfinishes.net

1.5 Emergency phone number(s)

Call 911 in the event of an emergency.
Call 971-506-5060 for technical queries.
Call 503-241-2770 for general information.

SECTION 2: Hazard identification

General hazard statement
Wear protective gloves/protective clothing/eye protection/face protection. Do not let product enter sewers or public waters. Dispose of contents/containers in accordance with local regulations. Not expected to present a significant hazard under anticipated conditions of normal use.

2.1 Classification of the substance or mixture

GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)
- Eye damage/irritation (chapter 3.3), Cat. 1
- Sensitization, skin (chapter 3.4), Cat. 1

2.2 GHS label elements, including precautionary statements

Pictogram

1. Exclamation mark

Signal word	**Warning**

Hazard statement(s)

H317	May cause an allergic skin reaction
H303	May be harmful if swallowed
H333	May be harmful if inhaled
H318	May cause serious eye damage

Precautionary statement(s)

P102	Keep out of reach of children.
P103	Read label before use.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P501	Dispose of contents/container to an approved waste disposal plant.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Formula: 10-872

Any concentration shown as a range is to protect confidentiality and/or due to batch variation.

Hazardous components

Component	Concentration
MONOETHANOLAMINE 85% & 99% **(CAS no.: 141-43-5; EC no.: 205-483-3; Index no.: 603-030-00-8)**	**+/- 0.15 – 0.30 % (Weight)**
CLASSIFICATIONS: 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. HAZARDS: 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.	
Silica, amorphous, precipitated and gel (CAS no.: 112926-00-8)	**+ / - 0.025 - 0.05 % (Weight)**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Poly(oxy-1,2-ethanediyl **(CAS no.: 60864-33-7; EC no.: 612-049-0)**	**+/- 0.05 - 0.08 % (Weight)**
CLASSIFICATIONS: Acute toxicity, oral (chapter 3.1), Cat. 4; Hazardous to the aquatic environment - long-term hazard (chapter 4.1), Cat. 3. HAZARDS: H302 - Harmful if swallowed; H412 - Harmful to aquatic life with long lasting effects.	
TITANIUM DIOXIDE **(CAS no.: 13463-67-7)**	**+ / - 15 - 20 % (Weight)**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Kaolin, calcined **(CAS no.: 92704-41-1; EC no.: 296-473-8)**	**+ / - 5 - 7 % (Weight)**
CLASSIFICATIONS: No data available. HAZARDS: No data available.	

TALC powder **(CAS no.: 14807-96-6)**	**+ / -**	**5 - 7 % (Weight)**
CLASSIFICATIONS: No data available. HAZARDS: No data available.		
CARBENDAZIM **(CAS no.: 10605-21-7; EC no.: 234-232-0; Index no.: 613-048-00-8)**	**+ / -**	**0.03 - 0.05 % (Weight)**
CLASSIFICATIONS: Germ cell mutagenicity (chapter 3.5), Cat. 1B; Toxic to reproduction (chapter 3.7), Cat. 1B; 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. HAZARDS: H340 - May cause genetic defects; H360FD - May damage fertility. May damage the unborn child.; H400 - Very toxic to aquatic life; H410 - Very toxic to aquatic life with long lasting effects.		

Trade secret statement (OSHA 1910.1200(i))
See OSHA 1910.1200(i)

SECTION 4: First-aid measures

4.1 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.

Personal protective equipment for first-aid responders

Use extinguishing media appropriate for surrounding fire.

4.2 Indication of immediate medical attention and special treatment needed, if necessary
No data available

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media
Foam, alcohol foam, CO2, dry chemical, water fog. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2 Specific hazards arising from the chemical
Closed containers may rupture if exposed to fire or extreme heat due to build up of steam pressure.

5.3 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

6.1 Personal precautions, protective equipment and emergency procedures
Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.

6.2 Environmental precautions
Keep out of drains, sewers, ditches, and waterways.

6.3 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

7.1 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.

7.2 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 hand, by airless or assisted-airless spray, or vacuum coater. Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

CAS: 112-34-5 (EC: 203-961-6)
2-(2-BUTOXYETHOXY)ETHANOL
ACGIH: 10 ppm TWA inhalation

CAS: 112926-00-8
Silica, amorphous, precipitated and gel
ACGIH (USA): See Annotated Z-3 TLV® inhalation; Cal/OSHA: See Annotated Z-3 PEL inhalation; NIOSH: See Annotated Z-3 REL inhalation; OSHA: See Annotated Z-3 ppm PEL inhalation; See Annotated Z-3 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
Kaolin, Total dust
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: 14807-96-6
Silicates (less than 1% crystalline silica), Talc (containing no asbestos), respirable dust
ACGIH (USA): See Annotated Z-3 TLV® inhalation; Cal/OSHA: See Annotated Z-3 PEL inhalation; NIOSH: See Annotated Z-3 REL inhalation; OSHA: See Annotated Z-3 ppm PEL inhalation; See Annotated Z-3 mg/m3 PEL inhalation

8.2 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.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Pictograms

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.)	Lt Grey / White 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
Flammability (solid, gas)	Not combustible
Upper/lower flammability limits	No data available.
Vapor pressure	No data available
Vapor density	Heavier than air
Relative density	1.30
Solubility(ies)	In water
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	None
Decomposition temperature	No data available.
Viscosity	102 - 104 KU
Explosive properties	None
Oxidizing properties	Hazardous polymerization will not occur.

Other safety information
Other information
Wt. % Solids: 50.04
Vol. % Solids: 35.71
Material VOC: 0.79 lb./gal.
Coatings VOC (-water): 0.19 lb./gal.
Delta E: .5 +/-

SECTION 10: Stability and reactivity

10.1 Reactivity
No specific test data related to reactivity available for this product or its ingredients. Stable under recommended storage conditions.

10.2 Chemical stability
Stable under recommended storage conditions.

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

10.4 Conditions to avoid
Do not store in direct sunlight.
Do not freeze.
Do not ingest.

10.5 Incompatible materials
No data available.

10.6 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.

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
If breathed in, move person into fresh air. If not breathing, give artificial respiration; consult a physician. Handle with gloves to avoid skin sensitisation.

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.

SECTION 12: Ecological information

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

2-(2-BUTOXYETHOXY)ETHANOL: Biodegradability aerobic - Exposure time 28 d
Result: 91.7 % - Readily biodegradable
(OECD Test Guideline 301B)
2-(2-BUTOXYETHOXY)ETHANOL: Does not bioaccumulate.

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

Bioaccumulative (B)? No
Does not bioaccumuate

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

IATA
Not dangerous goods

SECTION 15: Regulatory information

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

Massachusetts Right To Know Components
Quartz
CAS-No. 14808-60-7. Chemical name: Carbendazim
CAS number: 10605-21-7

New Jersey Right To Know Components
Quartz
CAS-No. 14808-60-7. Common name: ETHANOLAMINE
CAS number: 141-43-5. Common name: TITANIUM DIOXIDE
CAS number: 13463-67-7. Common name: TALC (NOT CONTAINING ASBESTOS FIBERS)
CAS number: 14807-96-6. Common name: CARBENDAZIM
CAS number: 10605-21-7. 2-(2-Butoxyethoxy)ethanol

Pennsylvania Right To Know Components
CAS number: 141-43-5. Chemical name: Titanium oxide
CAS number: 13463-67-7. Chemical name: Talc
CAS number: 14807-96-6. 2-(2-Butoxyethoxy)ethanol

HMIS Rating

10-872	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

NFPA Rating

SECTION 16: Other information

Do not freeze. Product will not recover.

16.1 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.