



Sentinel Stain Blocking Primer

Safety Data Sheet

Prepared according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date: 03/25/2019 Supersedes: All previous versions Version: 1.0

SECTION 1: Identification

1.1 Product identifier

Product name	Sentinel Stain Blocking Primer
Product number	SENSBP/05, SENSBP/55
Brand	Sentinel

1.3 Recommended use of the chemical and restrictions on use

Primer for building materials designed to be used before paints and coatings

1.4 Supplier's details

Name	Sentinel Products Inc.
Address	8901 Wyoming Avenue North Brooklyn Park MN 55445 United States of America
Telephone	763-571-0630
Fax	763-571-1819
email	getinfo@senpro.com

1.5 Emergency phone number(s)

1-866-359-5661

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

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

- Carcinogenicity, Cat. 1
- Eye damage/irritation, Cat. 2B
- Specific target organ toxicity (repeated exposure), Cat. 2

2.2 GHS label elements, including precautionary statements

Pictogram



Signal word

Danger

Hazard statement(s)

H320	Causes eye irritation
H350	May cause cancer (inhalation of dust)
H373	May cause damage to lungs through prolonged or repeated exposure to dust

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Precautionary statement(s)

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P314	Get medical advice/attention if you feel unwell.
P337+P313	If eye irritation persists: Get medical advice/attention.
P405	Store locked up.
P501	Dispose of contents/container to local waste handling facility.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. Titanium Dioxide (CAS: 13463-67-7)

Concentration 10-30%

[This material is considered hazardous as an airborne dust. During the use of Sentinel Stain Blocking Primer this material is bound within the product and does not present a significant risk of exposure. When the Stain Blocking Primer has dried and cured, sanding or similar actions could create dust and subsequent exposure is possible.]

2. Calcium Carbonate (CAS: 471-34-1)

Concentration 10-30%

[This material is considered hazardous as an airborne dust. During the use of Sentinel Stain Blocking Primer this material is bound within the product and does not present a significant risk of exposure. When the Stain Blocking Primer has dried and cured, sanding or similar actions could create dust and subsequent exposure is possible.]

3. Proprietary Surfactant* (CAS: MIXTURE)

Concentration Proprietary*

4. Monoethanolamine (CAS: 141-43-5)

Concentration Proprietary*

5. Crystalline Silica (CAS: 14808-60-7)

Concentration 0-.5% (As a contaminant)

[This material is considered hazardous as an airborne dust. During the use of Sentinel Stain Blocking Primer this material is bound within the product and does not present a significant risk of exposure. When the Stain Blocking Primer has dried and cured, sanding or similar actions could create dust and subsequent exposure is possible.]

6. Preservative* (CAS: MIXTURE)

Concentration Proprietary*

Trade secret statement (OSHA 1910.1200(i))

*The specific chemical identities and/or actual concentrations or actual concentration ranges for one or more listed components are being withheld as trade secrets under the US regulation 29 CFR 1910.1200(i).

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

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General advice	In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible). Wash contaminated clothing before reuse. Never give anything to an unconscious person.
If inhaled	Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if breathing is affected. If breathing is difficult, supply oxygen. 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	Remove affected clothing and wash all exposed skin with plenty of soap and water for at least 15 minutes. If irritation develops or persists, get medical attention. Acute and delayed symptoms and effects: May cause skin irritation. Signs/symptoms may include localized redness, swelling, and itching.
In case of eye contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If pain, blinking, or irritation develops or persists, get medical attention. Acute and delayed symptoms and effects: May cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.
If swallowed	Rinse mouth thoroughly. Do NOT induce vomiting without advice from a poison control center or medical professional. Seek medical attention. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. 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.

4.2 Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use foam, dry powder or carbon dioxide.

Water may be unsuitable as an extinguishing media, but helpful in keeping adjacent containers cool.

5.2 Specific hazards arising from the chemical

No additional data available.

5.3 Special protective actions for fire-fighters

Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not dispose of firefighting water in the environment.

Do not enter fire area without proper protective equipment, including respiratory protection.

Further information

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No additional information available.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

No specific emergency measures are required other than good laboratory hygiene and safety practices.

Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Use personal protection recommended in Section 8.

As an immediate precautionary measure, isolate spill or leak area in all directions. Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate enclosed areas.

6.2 Environmental precautions

Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Keep out of drains, sewers, ditches, and waterways.

6.3 Methods and materials for containment and cleaning up

Solidify spills with inert solids, such as clay, vermiculite or diatomaceous earth as soon as possible. Place in a suitable container for disposal in accordance with local, state and national waste regulations.

Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Wash hands and other exposed areas with mild soap and water before eating, drinking, smoking or when leaving work. 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 and protected from sunlight. Store in a dry, well ventilated area. Keep from freezing. Keep out of reach of children.

Specific end use(s)

Apart from the uses mentioned in section 1 no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Titanium Dioxide (CAS: 13463-67-7)

PEL-TWA (Inhalation): 15 mg/m³ (OSHA)

TLV® (Inhalation): 10 mg/m³ (ACGIH)

2. Monoethanolamine (CAS: 141-43-5)

PEL-TWA: 3 ppm (OSHA)

3. Calcium Carbonate (CAS: 471-34-1)

PEL-TWA: 15 mg/m³ (OSHA)

PEL-TWA (Inhalation): 5 mg/m³ (OSHA)

REL-TWA: 10 mg/m³ (NIOSH)

4. Crystalline Silica (CAS: 14808-60-7)

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PEL-TWA (Inhalation): 0.05 mg/m³ (OSHA)

REL-TWA: 0.05 mg/m³ (NIOSH)

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

Use eye protection suitable to the environment. Avoid direct contact with eyes.

Skin protection

Use gloves chemically resistant to this material when prolonged or repeated contact could occur. Gloves should be classified under Standard EN 374 or ASTM F1296. Suggested glove materials are: Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate, PVC or vinyl. Suitable gloves for this specific application can be recommended by the glove supplier.

Body protection

Wear long sleeves, and chemically impervious PPE/coveralls to minimize bodily exposure as needed.

Respiratory protection

Where vapor, mist or dust exceed PELs or other applicable OELs, use NIOSH-approved respiratory protection.

Thermal hazards

No data available.

Environmental exposure controls

Do not let product enter drains.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Liquid, opaque, white
Odor	Slight latex
Odor threshold	No data available.
pH	8.0 - 9.0
Melting point/freezing point	0 C (32 F)
Initial boiling point and boiling range	< 212 F
Flash point	None to boiling
Evaporation rate	< 1
Flammability (solid, gas)	No data available.
Upper/lower flammability limits	No data available.
Upper/lower explosive limits	No data available.
Vapor pressure	No data available.
Vapor density	No data available.

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Relative density	No data available.
Solubility(ies)	Soluble in water
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	90 - 120 KU
Explosive properties	No data available.
Oxidizing properties	No data available.

Other safety information

VOC Content (%): < 5 g/L

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

Stable under recommended handling and storage conditions.

10.3 Possibility of hazardous reactions

None known.

10.4 Conditions to avoid

Excessive heat which may cause the closed container to rupture. Excessive cold which may cause the closed container to rupture.

10.5 Incompatible materials

None known.

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.

Not classified - Based on ingredients and their concentrations in the product, the product is not classified as acutely toxic.

Skin corrosion/irritation

Not classified - Based on ingredients and their concentrations in the product, the products is not classified for skin irritation.

Serious eye damage/irritation

No data for the mixture. Based on ingredients and their concentrations in the product, the product is classified as Category 2B: Causes eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Respiratory or skin sensitization

Not classified - Based on ingredients and their concentrations in the product, the product is not classified for respiratory or skin sensitization.

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Germ cell mutagenicity

Not classified - Based on ingredients and their concentrations in the product, the product is not classified for germ cell mutagenicity.

Carcinogenicity

No data for the mixture. Based on ingredients and their concentrations in the product, the product is classified as Category 1: May cause cancer.

IARC: Titanium Dioxide: Group 2B: possibly carcinogenic to humans.

IARC: Silica, Crystalline: Group 1: carcinogenic to humans.

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Reproductive toxicity

Not classified - Based on ingredients and their concentrations in the product, the product is not classified for reproductive toxicity.

Summary of evaluation of the CMR properties

No data available.

STOT-single exposure

Not classified - Based on ingredients and their concentrations in the product, the product is not classified for STOT - Single Exposure.

STOT-repeated exposure

No data for the mixture. Based on ingredients and their concentrations in the product, the product is classified STOT Repeated Exposure, Category 2. Inhalation to lungs.

[These materials are considered hazardous as an airborne dust. During the use of Sentinel Stain Blocking Primer these materials are bound within the product and do not present a significant risk of exposure. When the Stain Blocking Primer has dried and cured, sanding or similar actions could create dust and subsequent exposure is possible.]

Aspiration hazard

No data for the mixture. Based on ingredients and their concentrations in the product, and the viscosity of the product, the product is not classified as an aspiration hazard.

SECTION 12: Ecological information

Toxicity

No data available on product, all possible measures should be taken to prevent release into the environment.

Persistence and degradability

No data available on product

Bioaccumulative potential

No data available on product

Mobility in soil

No data available.

Results of PBT and vPvB assessment

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No data available.

Other adverse effects

No data available.

SECTION 13: Disposal considerations

Disposal of the product

Do not dump in any sewers, on the ground or into any body of water.

Disposal should be in accordance with applicable Federal, State and local laws and regulations. Local regulations may be more stringent than State or Federal requirements.

Disposal of contaminated packaging

Dispose of as unused product.

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

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All chemical substances in this product are listed in the EPA (Environment Protection Agency) TSCA (Toxic Substances Control Act) Inventory or are exempt from listing.

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

15.2. International regulations

CANADA

No additional information available.

15.3 State Regulations

WARNING. This product contains the following chemicals known to the state of California to cause cancer or other reproductive harm.

Titanium dioxide (airborne, unbound particles of respirable size)

Silica, crystalline (airborne particles of respirable size)

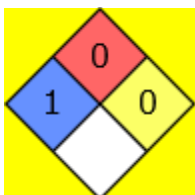
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HMIS Rating

Sentinel Stain Blocking Primer	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

NFPA Rating



SECTION 16: Other information

Revision 1.0 - 25 March 2019 - New SDS Created
Author: KAD

16.1 Further information/disclaimer

DISCLAIMER: The information in this document is believed to be correct as of the date issued. However, no warranty of merchantability, fitness for any particular purpose, or any other warranty is expressed or implied regarding the accuracy or completeness of this information, the results to be obtained from the use of this product or the hazards related to its use. This information and product are furnished on the condition that the person receiving them shall make his own determination as to the suitability of the product for his particular purpose and on the condition that he assume the risk of his use thereof. In no event shall Sentinel Products Inc. be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if Sentinel Products Inc. has been advised of the possibility of such damages.