



# Sentinel Premium Clear Mold & Mildew Resistant Coating

## Safety Data Sheet

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

Date of issue: 9/22/205

Supersedes: All previous versions

Version: 3.0

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name : Sentinel Premium Clear Mold & Mildew Resistant Coating

Product form : Mixture

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Uses of the substance/Mixture : Antimicrobial coating for interior & exterior use

#### 1.3. Details of the supplier of the safety data sheet

Sentinel Products Inc.  
8901 Wyoming Avenue North  
Brooklyn Park, MN 55445  
Phone: (763) 571-0630  
Toll-free: (800)-373-0633  
www.senpro.com

#### 1.4. Emergency telephone number

Emergency number : 1-866-359-5661

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (GHS-US)

Not a hazardous substance or mixture.

#### 2.2. Label elements

Not a hazardous substance or mixture.

##### GHS-US labeling

#### 2.3. Other hazards

No additional information available

#### 2.4. Unknown acute toxicity (GHS-US)

No data available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

No hazardous ingredients at concentration levels for which they would need to be taken into account.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                                       |                                                                                                                                                                                                                                   |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| First-aid measures general            | : If exposed or concerned, get medical attention/advice. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use. Never give anything to an unconscious person.                         |
| First-aid measures after inhalation   | : 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.                                             |
| First-aid measures after skin contact | : IF ON SKIN (or clothing): Remove affected clothing and wash all exposed skin with water for at least 15 minutes. If irritation develops or persists, get medical attention.                                                     |
| First-aid measures after eye contact  | : IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do so. If pain, blinking, or irritation develops or persists, get medical attention. Continue rinsing. |
| First-aid measures after ingestion    | : IF SWALLOWED: rinse mouth thoroughly. Do not induce vomiting without advice from poison control center or medical professional. Get medical attention if you feel unwell.                                                       |

#### 4.2. Most important symptoms and effects, both acute and delayed

|                                      |                                                   |
|--------------------------------------|---------------------------------------------------|
| Symptoms/injuries after inhalation   | : May cause respiratory irritation.               |
| Symptoms/injuries after skin contact | : May cause skin irritation.                      |
| Symptoms/injuries after eye contact  | : Direct contact with the eyes may be irritating. |
| Symptoms/injuries after ingestion    | : May cause gastrointestinal irritation.          |

# Sentinel Premium Clear Mold & Mildew Resistant Coating

## Safety Data Sheet

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

### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Sand.

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

### 5.2. Special hazards arising from the substance or mixture

Fire hazard : Not determined.

Explosion hazard : Not determined.

Reactivity : No data available.

### 5.3. Advice for firefighters

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

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

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

#### 6.1.1. For non-emergency personnel

Protective equipment : Wear Protective equipment as described in Section 8.

Emergency procedures : Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

Protective equipment : Wear suitable protective clothing, gloves and eye or face protection. Approved supplied-air respirator, in case of emergency.

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

For containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

### 6.4. Reference to other sections

No additional information available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Keep container closed when not in use.

### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Does not require any specific or particular technical measures.

Storage conditions : Store in dry, well-ventilated area. Keep container tightly closed in a cool place.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No exposure limits noted

### 8.2. Exposure controls

Appropriate engineering controls : Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment with flammable materials. Ensure adequate ventilation, especially in confined areas.

# Sentinel Premium Clear Mold & Mildew Resistant Coating

## Safety Data Sheet

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

Personal protective equipment

: Gloves. Full coverage clothing. Protective goggles.



Hand 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.

Eye protection

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

Skin and body protection

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

Respiratory protection

: Use NIOSH-approved dust/particulate respirator. Where vapor, mist, or dust exceed PELs or other applicable OELs, use NIOSH-approved respiratory protective equipment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|                                            |                                 |
|--------------------------------------------|---------------------------------|
| Physical state                             | : Liquid                        |
| Color                                      | : White, dries clear.           |
| Odor                                       | : Slight.                       |
| Odor Threshold                             | : No data available             |
| pH                                         | : 8.25 – 8.75                   |
| Relative evaporation rate (butylacetate=1) | : No data available             |
| Relative evaporation rate (ether=1)        | : < 1 Slower than ether         |
| Melting point                              | : No data available             |
| Freezing point                             | : No data available             |
| Boiling point                              | : 0 °C (215 - 290 °F)           |
| Flash point                                | : None to boiling               |
| Auto-ignition temperature                  | : No data available             |
| Decomposition temperature                  | : No data available             |
| Flammability (solid, gas)                  | : No data available             |
| Vapour pressure                            | : No data available             |
| Relative vapour density at 20 °C           | : No data available             |
| Relative density                           | : No data available             |
| Solubility                                 | : Complete solubility in water. |
| Log Pow                                    | : No data available             |
| Log Kow                                    | : No data available             |
| Viscosity, kinematic                       | : 100 KU                        |
| Viscosity, dynamic                         | : No data available             |
| Explosive properties                       | : No data available             |
| Oxidising properties                       | : No data available             |
| Explosive limits                           | : No data available             |

### 9.2. Other information

|             |                                                                                                                                                                                                |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| VOC content | : < 5 g/L (Calculated)<br>*A zero V.O.C. coating by industry standard means the product contains less than 5 grams of V.O.C.'s per liter. Tints and colorants may add V.O.C.'s to the product. |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

### 10.3. Possibility of hazardous reactions

None known.

### 10.4. Conditions to avoid

Freezing, extreme heat. Both may cause container to fail.

# Sentinel Premium Clear Mold & Mildew Resistant Coating

## Safety Data Sheet

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

### 10.5. Incompatible materials

None known.

### 10.6. Hazardous decomposition products

Carbon oxides (CO, CO<sub>2</sub>).

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                                                    |                                                                                                                                                                                   |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Acute toxicity                                     | : 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 product 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 not classified for eye irritation.                                        |
| Respiratory or skin sensitisation                  | : Not classified - Based on ingredients and their concentrations in the product, the product is not classified for respiratory or skin sensitization.                             |
| 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 not classified for carcinogenicity.                                       |
| Reproductive toxicity                              | : No data for the mixture. Based on ingredients and their concentrations in the product, the product is not classified for reproductive toxicity.                                 |
| Specific target organ toxicity (single exposure)   | : Not classified - Based on ingredients and their concentrations in the product, the product is not classified for STOT - single exposure.                                        |
| Specific target organ toxicity (repeated exposure) | : Not classified - Based on ingredients and their concentrations in the product, the product is not classified for STOT – repeated exposure.                                      |
| 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. |
| Symptoms/injuries after inhalation                 | : No data for the mixture.                                                                                                                                                        |
| Symptoms/injuries after skin contact               | : No data for the mixture.                                                                                                                                                        |
| Symptoms/injuries after eye contact                | : No data for the mixture.                                                                                                                                                        |
| Symptoms/injuries after ingestion                  | : No data for the mixture.                                                                                                                                                        |

Additional information: No data is available for the mixture. The information shown is based on the profiles of the ingredients and their concentrations in the product.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Aquatic toxicity rating not determined. All possible measures should be taken to prevent release into the environment.

### 12.2. Persistence and degradability

| Sentinel 538 Clear Smoke & Odor Encapsulant |                  |
|---------------------------------------------|------------------|
| Persistence and degradability               | Not established. |

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

|                                |                                                                                                                                                                        |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Waste treatment methods        | : Do not discharge to public wastewater systems without permit of pollution control authorities.<br>No discharge to surface waters is allowed without an NPDES permit. |
| Waste disposal recommendations | : Dispose in a safe manner in accordance with local/national regulations.                                                                                              |

# Sentinel Premium Clear Mold & Mildew Resistant Coating

## Safety Data Sheet

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

SECTION 14: Transport information

In accordance with DOT  
Not hazardous for transport  
**Additional information**  
Other information : No supplementary information available.

**Transport by sea**  
No additional information available  
**Air transport**  
No additional information available

SECTION 15: Regulatory information

**15.1. US Federal regulations**  
**Sentinel Premium Clear Mold & Mildew Resistant Coating**  
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.

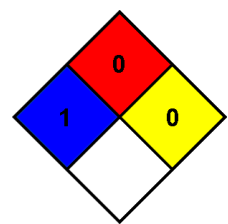
**15.2. International regulations**  
**CANADA**  
No additional information available.  
**15.2.2. National regulations**  
No additional information available.

**15.3. US State regulations**  
This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm

| Component | CAS #     | State                    |
|-----------|-----------|--------------------------|
| Water     | 7732-18-5 | Pennsylvania, New Jersey |

SECTION 16: Other information

Indication of changes : Revision 3.0: 22 September 2025  
:  
Other information : Author: KAD  
  
NFPA health hazard : 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.  
NFPA fire hazard : 0 - Materials that will not burn.  
NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



**HMIS III Rating**  
Health : 1  
Flammability : 0  
Physical : 0  
Personal Protection :

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 is to be 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.