



# Sentinel 404 Floor Polish

## Safety Data Sheet

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

Revision date: 09/15/2015 Version: 1.0

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

#### 1.1. Product identifier

Product name : Sentinel 404 Floor Polish  
Product form : Mixture

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

Use of the substance/mixture : Floor polishing

#### 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)

Serious Eye Damage/Eye Irritation 2B H320

#### 2.2. Label elements

##### GHS-US labeling

Hazard pictograms (GHS-US) : None  
Signal word (GHS-US) : **Warning**  
Hazard statements (GHS-US) : H320 – Causes eye irritation  
Precautionary statements (GHS-US) : P103 – Read label before use  
P102 – Keep out of reach of children  
P101 – If medical advice is needed, have product container or label at hand  
P280 + P264 – Wear eye or face protection. Wash hands thoroughly after handling  
P305 + P351 + P338 + P337 + P331 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

#### 2.3. Other hazards

No additional information available

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

Approximately 12% of this mixture is ingredients of unknown toxicity. There is no toxicity data for the polymer in this product which is exempt and categorized in a low concern functional group under the EPA's Toxic Substances Control Act.

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

Name	Product identifier	%
2-(2-ethoxyethoxy)ethanol	(CAS No) 111-90-0	Proprietary*
2-(2-methoxyethoxy)ethanol	(CAS No) 111-77-3	Proprietary*
Tris(2-butoxyethyl) phosphate	(CAS No) 78-51-3	Proprietary*

\*The exact percentage of composition has been withheld as a trade secret

There are no additional components which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

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- First-aid measures after inhalation : IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- First-aid measures after skin contact : IF ON SKIN: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- First-aid measures after eye contact : IF IN EYES: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. If irritation persists, get medical attention.
- First-aid measures after ingestion : IF SWALLOWED: Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

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

- Symptoms/injuries after inhalation : Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
- Symptoms/injuries after skin contact : No known significant effects or critical hazards.
- Symptoms/injuries after eye contact : Causes eye irritation. Adverse symptoms may include the following: irritation, watering, redness.
- Symptoms/injuries after ingestion : May be irritating to mouth, throat and stomach.
- Chronic symptoms : No data available.

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

In the case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

- Suitable extinguishing media : Use an extinguishing agent suitable for the surrounding fire.

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

- Explosion hazard : Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries.
- Reactivity : No dangerous reactions known under normal conditions of use.

### 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 : Evacuate area. Keep upwind. Ventilate area. Spill should be handled by trained clean-up crews properly equipped with respiratory equipment and full chemical protective gear (see Section 8).

#### 6.1.1. For non-emergency personnel

- Protective equipment : Wear Protective equipment as described in Section 8.
- Emergency procedures : Evacuate unnecessary personnel. Stop leak if without risk. Prevent entry into sewers. Dilute small spills with water and mop up.

#### 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

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

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### 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 : Mop up as much as possible, then flush with large volumes of water. Alternatively, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of according to local, state and federal regulations.

### 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 : Do not handle until all safety precautions have been read and understood. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Do not breathe mists. Keep away from sources of ignition - No smoking.

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

- Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Heat sources. Keep container closed when not in use. Do not allow to freeze, as container may burst.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

2-(2-ethoxyethoxy)ethanol (111-90-0)	
Remark (AIHA WEEL)	TWA: 25 ppm 8 hours

### 8.2. Exposure controls

- Appropriate engineering controls : Ensure adequate ventilation, especially in confined areas.
- Personal protective equipment : Protective goggles.



- Hand protection : No protection required.
- Eye protection : Eye protection must be worn when possibility exists for eye contact due to spraying liquid or airborne particles.
- Skin and body protection : No protection required.
- Respiratory protection : No protection required.

## SECTION 9: Physical and chemical properties

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

- Physical state : Liquid
- Appearance : Opaque
- Color : Milky white
- Odor : None
- Odor Threshold : No data available
- pH : 8 - 9
- Relative evaporation rate (butyl acetate=1) : Slower than ether
- Melting point : No data available
- Freezing point : 0 °C (32 °F)
- Boiling point : 100 °C (212 °F)
- Flash point : None to boiling
- Self-ignition temperature : No data available
- Decomposition temperature : No data available
- Flammability (solid, gas) : No data available
- Vapor pressure : No data available
- Relative vapor density at 20 °C : No data available
- Relative density : No data available
- Solubility : No data available

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Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosive limits	: No data available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No dangerous reactions known under normal conditions of use.

#### 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

Sparks. Heat. Open flame. Freezing.

#### 10.5. Incompatible materials

None known.

#### 10.6. Hazardous decomposition products

Thermal decomposition generates : Oxides of carbon and nitrogen.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity : Not classified

<b>2-(2-ethoxyethoxy)ethanol (111-90-1)</b>	
LD50 oral rat	> 7000 mg/kg
<b>2-(2-methoxyethoxy)ethanol (111-77-3)</b>	
LD50 dermal rabbit	> 9400 mg/kg
<b>Tris(2-butoxyethyl) phosphate (78-51-3)</b>	
LD50 oral rat	> 3 g/kg

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Category 2B – may cause irritation
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : May be fatal if swallowed and enters airways.

Symptoms/injuries after inhalation : Inhalation in high concentrations may cause irritation of the mucous membranes. Aspiration of this material into the lungs may cause chemical pneumonia or death.

Symptoms/injuries after skin contact : Contact during a long period may cause slight irritation.

Symptoms/injuries after eye contact : Direct contact with the eyes is may be irritating.

Symptoms/injuries after ingestion : No specific data.

Chronic symptoms : No data available.

### SECTION 12: Ecological information

#### 12.1. Toxicity

No additional information available

#### 12.2. Persistence and degradability

No additional information available

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### 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. 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. Do not allow the product to be released into the environment.

## SECTION 14: Transport information

In accordance with DOT

Transport document description : Cleaning Compound

Department of Transportation (DOT) Hazard Classes : Not Regulated – Product does not sustain combustion

### Transport by sea

No additional information available

### Air transport

No additional information available

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

#### Sentinel 404 All-Surface Floor Polish

All chemical substances in this product are listed or exempted in the EPA (Environmental Protection Agency) TSCA (Toxic Substances Control Act) Inventory

SARA Section 311/312 Hazard Classes : Immediate (acute) health hazard

### 15.2. International regulations

No additional information available

### 15.3. US State regulations

#### California Proposition 65

Warning: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

Ingredient Name	Cancer	Reproductive	No significant risk level	Maximum acceptable dosage level
Dibutyl phthalate	No	Yes	No	Yes

## SECTION 16: Other information

Indication of changes : Revision 1.0 - 15 September 2015 - New SDS Created.

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 under normal fire conditions.

NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



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### HMIS III Rating

Health	:	1
Flammability	:	0
Physical	:	0
Personal Protection	:	

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