

SAFETY DATA SHEETS

This SDS packet was issued with item:
070869453

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

070869404 070869412 070869420 070869438 070869446 070869461 070869479 070869503 070869511 070869529
070869537 070869545 070869552 070869560 070869578 070875658 070875724 070875807 070875815 070875831
070875872 070878058 070878066 070878074 070878082 070878090 070878108 070878116 070878124 070878132
070878140 070878256 070878264 070878272 070878280 070878306 070878314 070878322 070878330 070878348
070878355 070878363 070878371 070878389 070878397 070878405 070878504 070878512 070878520 070878538
070878546 070878553 070878561 070878579 075934674 075934682 075934690 075934708 075934773 075934781
075934799 075934807 075934864 075934872 075934880 075934898 075934963 075934971 075934989 075934997
076602155 076602163 076602197 076602213 076602247 076602262 076602270 076602288 076602304 076602312
076602320 076602338 076602346 076602353 076602361 076602379 076602395 076602403 076602411 076602429
076602528 076602536 076602544 076602551 076602569 076602577 076602585 076602593 076602601 076602619
076602627 078917894

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Gutta Percha Points

SECTION 1: Identification

Product identifier

Product name: Gutta Percha Points

Product code: GP Points

Additional information: For Dental Use Only - Latex sensitive people may experience a mild reaction.



Recommended use of the product and restriction on use

Relevant identified uses: Filing material for root canal treatment.

Uses advised against: Not determined or not applicable.

Reasons why uses advised against: Not determined or not applicable.

Manufacturer or supplier details

Manufacturer:

Patterson Companies, Inc.
1031 Mendota Heights Rd.
St. Paul, MN 55120
+1 800-328-5536

Emergency telephone number:

CHEMTREC

Within USA and Canada: 1-800-424-9300 (CHEMTREC, 24 hours)

Outside USA and Canada: +1-703-527-3887 (CHEMTREC, 24 hours)

SECTION 2: Hazard(s) identification

GHS classification:

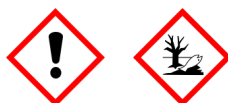
Skin sensitization, category 1.

Acute aquatic hazard, category 1.

Chronic aquatic hazard, category 1.

Label elements

Hazard pictograms:



Signal word: Warning

Hazard statements:

H317 May cause an allergic skin reaction

H400 Very toxic to aquatic life

H410 Very toxic to aquatic life with long lasting effects

Precautionary statements:

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.

P272 Contaminated work clothing should not be allowed out of the workplace.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 If on skin: Wash with soap and water.

P321 Specific treatment (see supplemental first aid instructions on this label).

P391 Collect spillage.

P501 Dispose of contents and container as instructed in Section 13.

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Gutta Percha Points

Hazards not otherwise classified:None

SECTION 3: Composition/information on ingredients

Identification	Name	Weight %
CAS number: 9000-32-2	Gutta Percha	<19
CAS number: 1314-13-2	Zinc Oxide	<70
CAS number: 7727-43-7	Barium Sulfate	<7
CAS number: 25322-68-3	Polyethylene Glycol	<1
CAS number: 57-11-4	Stearic Acid	<1
CAS number: 96-69-5	Lauwinox (Santonox)	<1
CAS number: NA	Pigments	<1

Additional Information: None

SECTION 4: First aid measures

Description of first aid measures

General notes:

No additional information.

After inhalation:

Loosen clothing as necessary and position individual in a comfortable position.
Maintain an unobstructed airway.

After skin contact:

Rinse affected area with soap and water.
If symptoms develop or persist, seek medical attention.

After eye contact:

Rinse/flush exposed eye(s) gently using water for 15-20 minutes.
If symptoms develop or persist, seek medical attention.

After swallowing:

Rinse mouth thoroughly.
Seek medical attention if irritation, discomfort, or vomiting persists.

Most important symptoms and effects, both acute and delayed

Acute symptoms and effects:

Not determined or not available.

Delayed symptoms and effects:

Not determined or not available.

Immediate medical attention and special treatment

Specific treatment:

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Not determined or not available.

Notes for the doctor:

No additional information.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media:

Use appropriate fire suppression agents for adjacent combustible materials or sources of ignition.

Unsuitable extinguishing media:

Do not use water as an extinguisher.

Specific hazards during fire-fighting:

Thermal decomposition can lead to release of irritating gases and vapors.

Special protective equipment for firefighters:

Wear protective eye wear, gloves and clothing.

Refer to Section 8.

Special precautions:

Avoid inhaling gases, fumes, dust, mist, vapor and aerosols.

Avoid contact with skin, eyes and clothing.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Wear protective eye wear, gloves and clothing.

Ensure adequate ventilation.

Ensure air handling systems are operational.

Environmental precautions:

Should not be released into the environment.

Prevent from reaching drains, sewer or waterway.

Methods and material for containment and cleaning up:

Wear protective eye wear, gloves and clothing.

Reference to other sections:

None

SECTION 7: Handling and storage

Precautions for safe handling:

Do not eat, drink, smoke or use personal products when handling chemical substances.

Avoid breathing mist or vapor.

Conditions for safe storage, including any incompatibilities:

Store in a cool, well-ventilated area.

SECTION 8: Exposure controls/personal protection

Occupational Exposure limit values:

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Country (Legal Basis)	Substance	Identifier	Permissible concentration
ACGIH	Zinc Oxide	1314-13-2	ACGIH TLV TWA 2.0 mg/m ³
	Stearic Acid	57-11-4	ACGIH TLV 10 mg/m ³ (as stearates)
	Zinc Oxide	1314-13-2	ACGIH TLV TWA 10.0 mg/m ³
	Barium Sulfate	7727-43-7	ACGIH TLV TWA 5.0 mg/m ³ (inhalable fraction, particulate containing no asbestos and <1% crystalline silica)
NIOSH	Barium Sulfate	7727-43-7	NIOSH TWA 10.0 mg/m ³ (Total dust)
	Zinc Oxide	1314-13-2	NIOSH REL TWA 5.0 mg/m ³ ; C 15 mg/m ³ (Dust)
	Zinc Oxide	1314-13-2	NIOSH REL TWA 5.0 mg/m ³ ; ST 10 mg/m ³ (Fume)
	Barium Sulfate	7727-43-7	NIOSH TWA 5.0 mg/m ³ (Respirable fraction)
United States (OSHA)	Barium Sulfate	7727-43-7	OSHA PEL TWA 15 mg/m ³ (Total dust)
	Barium Sulfate	7727-43-7	OSHA PEL TWA 5 mg/m ³ (Respirable fraction)
	Zinc Oxide	1314-13-2	OSHA PEL TWA 5 mg/m ³ (Fume)
	Zinc Oxide	1314-13-2	OSHA PEL TWA 15 mg/m ³ (Total dust)
	Zinc Oxide	1314-13-2	OSHA PEL TWA 5 mg/m ³ (Respirable fraction)
WEEL	Polyethylene Glycol	25322-68-3	WEEL TWA 10.0 mg/m ³

Biological limit value:

No biological exposure limits noted for the ingredient(s).

Information on monitoring procedures:

Not determined or not applicable.

Appropriate engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling.

Personal protection equipment

Eye and face protection:

Safety goggles or glasses, or appropriate eye protection.

Skin and body protection:

Select glove material impermeable and resistant to the substance.

Respiratory protection:

When necessary, use NIOSH-approved breathing equipment.

General hygienic measures:

Wash hands before breaks and at the end of work.

Avoid contact with skin, eyes and clothing.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

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Gutta Percha Points

Appearance	Conical points
Odor	Odorless
Odor threshold	Not applicable.
pH	Not applicable.
Melting point/freezing point	80°C/176°F
Initial boiling point/range	Undetermined.
Flash point (closed cup)	Not applicable.
Evaporation rate	Not applicable.
Flammability (solid, gas)	Not applicable.
Upper flammability/explosive limit	Undetermined.
Lower flammability/explosive limit	Undetermined.
Vapor pressure	Not applicable.
Vapor density	Not applicable.
Density	Not applicable.
Relative density	Not applicable.
Solubilities	Insoluble to water.
Partition coefficient (n-octanol/water)	Not applicable.
Auto/Self-ignition temperature	Not applicable.
Decomposition temperature	Not applicable.
Dynamic viscosity	Not applicable.
Kinematic viscosity	Not applicable.
Explosive properties	Not applicable.
Oxidizing properties	Not applicable.

Other information

SECTION 10: Stability and reactivity

Reactivity:

Does not react under normal conditions of use and storage.

Chemical stability:

Stable under normal conditions of use and storage.

Possibility of hazardous reactions:

None under normal conditions of use and storage.

Conditions to avoid:

Natural light, excessive heat and humidity.

Incompatible materials:

Strong Oxidants.

Hazardous decomposition products:

CO, CO₂, Hydrocarbons and zinc fumes.

SECTION 11: Toxicological information

Acute toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data: No data available.

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Skin corrosion/irritation

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data: No data available.

Serious eye damage/irritation

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data: No data available.

Respiratory or skin sensitization

Assessment: May cause an allergic skin reaction

Product data: No data available.

Substance data:

Name	Result
Gutta Percha	May cause an allergic skin reaction.

Carcinogenicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data: No data available.

International Agency for Research on Cancer (IARC): None of the ingredients are listed.

National Toxicology Program (NTP): None of the ingredients are listed.

Germ cell mutagenicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data: No data available.

Reproductive toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data: No data available.

Specific target organ toxicity (single exposure)

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data: No data available.

Specific target organ toxicity (repeated exposure)

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data: No data available.

Aspiration toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data: No data available.

Information on likely routes of exposure: No data available.

Symptoms related to the physical, chemical and toxicological characteristics: No data available.

Other information: No data available.

SECTION 12: Ecological information

Acute (short-term) toxicity

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Assessment: Very toxic to aquatic life

Product data: No data available.

Substance data:

Name	Result
Zinc Oxide	Oncorhynchus mykiss (rainbow trout) - 1.1 mg/l - 96.0 h
	Daphnia magna (Water flea) - 0.098 mg/l - 48 h

Chronic (long-term) toxicity

Assessment: Very toxic to aquatic life with long lasting effects

Product data: No data available.

Substance data: No data available.

Persistence and degradability

Product data: No data available.

Substance data: No data available.

Bioaccumulative potential

Product data: No data available.

Substance data: No data available.

Mobility in soil

Product data: No data available.

Substance data: No data available.

Other adverse effects:

No information available.



SECTION 13: Disposal considerations

Disposal methods:



It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities. (US 40CFR262.11).

SECTION 14: Transport information

United States Transportation of dangerous goods (49 CFR DOT)

UN number	3077
UN proper shipping name	Environmentally Hazardous Substance, Solid, N.O.S. (Zinc Oxide)
UN transport hazard class(es)	9  
Packing group	III
Environmental hazards	Marine Pollutant (Zinc Oxide)
Special precautions for user	None

International Maritime Dangerous Goods (IMDG)

UN number	3077
UN proper shipping name	Environmentally Hazardous Substance, Solid, N.O.S. (Zinc Oxide)
UN transport hazard class(es)	9  
Packing group	III

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Environmental hazards	Marine Pollutant (Zinc Oxide)
Special precautions for user	None
EmS number	F-A, S-F
Stowage category	A
Excepted quantities	E1
Limited quantity	5 kg

International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN number	3077
UN proper shipping name	Environmentally Hazardous Substance, Solid, N.O.S. (Zinc Oxide)
UN transport hazard class(es)	9 
Packing group	III
Environmental hazards	Marine Pollutant (Zinc Oxide)
Special precautions for user	None
ERG code	9L
Excepted quantities	E1
Passenger and cargo	400 kg
Cargo aircraft only	400 kg
Limited quantity	30 kg G

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Bulk Name	None
Ship type	None
Pollution category	None

SECTION 15: Regulatory information

United States regulations

Inventory listing (TSCA):

9000-32-2	Gutta Percha	Not Listed
1314-13-2	Zinc Oxide	Listed
7727-43-7	Barium Sulfate	Listed
25322-68-3	Polyethylene Glycol	Listed
57-11-4	Stearic Acid	Listed
96-69-5	Lauwinox (Santonox)	Listed

Significant New Use Rule (TSCA Section 5): Not listed

Export notification under TSCA Section 12(b): Not listed

SARA Section 311/312 hazards:

Acute	Chronic	Fire	Pressure	Reactive
Yes	No	No	No	No

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SARA Section 302 extremely hazardous substances: Not listed

SARA Section 313 toxic chemicals: Not listed

CERCLA: Not listed

RCRA: Not listed

Section 112(r) of the Clean Air Act (CAA): Not listed

Massachusetts Right to Know:

1314-13-2	Zinc Oxide	Listed
7727-43-7	Barium Sulfate	Listed
96-69-5	Lauwinox (Santonox)	Listed

New Jersey Right to Know: Not listed

New York Right to Know:

1314-13-2	Zinc Oxide	Listed
96-69-5	Lauwinox (Santonox)	Listed

Pennsylvania Right to Know:

1314-13-2	Zinc Oxide	Listed
7727-43-7	Barium Sulfate	Listed
96-69-5	Lauwinox (Santonox)	Listed

California Proposition 65: Not listed

SECTION 16: Other information

Abbreviations and Acronyms: None

Disclaimer: This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations. The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all applicable laws and regulations applicable to this material.

NFPA: 2-0-0

HMIS: 2-0-0

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End of Safety Data Sheet

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Gutta Percha Points

SECTION 1: Identification

Product identifier

Product name: Gutta Percha Points

Product code: Gutta Percha Points

Additional information: For Dental Use Only - Latex sensitive people may experience a mild reaction.

Recommended use of the product and restriction on use

Relevant identified uses: Not determined or not applicable.

Uses advised against: Not determined or not applicable.

Reasons why uses advised against: Not determined or not applicable.

Manufacturer or supplier details

Manufacturer:

Supplier

Patterson Companies, Inc.
1031 Mendota Heights Road
St. Paul, MN 55120
1-800-328-5536 Fax:1-651-686-9331

Emergency telephone number:

United States

CHEMTREC

Within USA and Canada: 1-800-424-9300 (CHEMTREC, 24 hours)

Outside USA and Canada: +1-703-527-3887 (CHEMTREC, 24 hours)

SECTION 2: Hazard(s) identification

GHS classification:

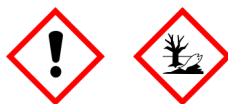
Skin sensitization, category 1

Acute aquatic hazard, category 1

Chronic aquatic hazard, category 1

Label elements

Hazard pictograms:



Signal word: Warning

Hazard statements:

H317 May cause an allergic skin reaction

H400 Very toxic to aquatic life

H410 Very toxic to aquatic life with long lasting effects

Precautionary statements:

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P261 Avoid breathing dust/fume/gas/mist/vapors/spray
P272 Contaminated work clothing should not be allowed out of the workplace
P280 Wear protective gloves/protective clothing/eye protection/face protection
P273 Avoid release to the environment
P321 Specific treatment (see supplemental first aid instructions on this label).
P363 Wash contaminated clothing before reuse
P302+P352 If on skin: Wash with soap and water
P333+P313 If skin irritation or a rash occurs: Get medical advice/attention
P391 Collect spillage
P501 Dispose of contents and container as instructed in Section 13

Hazards not otherwise classified: None

SECTION 3: Composition/information on ingredients

Identification	Name	Weight %
CAS number: 7727-43-7	Barium sulfate	<7
CAS number: 9000-32-2	Gutta Percha	<19
CAS number: 96-69-5	Lauwinox (Santonox)	<1
CAS number: NA	Pigments	<1
CAS number: 1314-13-2	Zinc oxide	<70
CAS number: 25322-68-3	Poly (ethylene oxide)	<1
CAS number: 57-11-4	Stearic acid	<1

Additional Information: None

SECTION 4: First aid measures

Description of first aid measures

General notes:

Not determined or not applicable.

After inhalation:

Loosen clothing as necessary and position individual in a comfortable position
Maintain an unobstructed airway
Get medical advice/attention if you feel unwell

After skin contact:

Rinse affected area with soap and water
If symptoms develop or persist, seek medical attention

After eye contact:

Rinse/flush exposed eye(s) gently using water for 15-20 minutes
If symptoms develop or persist, seek medical attention

After swallowing:

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Rinse mouth thoroughly

Seek medical attention if irritation, discomfort, or vomiting persists

Most important symptoms and effects, both acute and delayed

Acute symptoms and effects:

Not determined or not applicable.

Delayed symptoms and effects:

Not determined or not applicable.

Immediate medical attention and special treatment

Specific treatment:

Not determined or not applicable.

Notes for the doctor:

Not determined or not applicable.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media:

Use appropriate fire suppression agents for adjacent combustible materials or sources of ignition

Unsuitable extinguishing media:

Not determined or not applicable.

Specific hazards during fire-fighting:

Thermal decomposition can lead to release of irritating gases and vapors

Special protective equipment for firefighters:

Use typical firefighting equipment, self-contained breathing apparatus, special tightly sealed suit

Special precautions:

Carbon monoxide and carbon dioxide may form upon combustion

Heating causes a rise in pressure, risk of bursting and combustion

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation

Ensure air handling systems are operational

Wear protective eye wear, gloves and clothing

Environmental precautions:

Should not be released into the environment

Prevent from reaching drains, sewer or waterway

Methods and material for containment and cleaning up:

Wear protective eye wear, gloves and clothing

Sweep or scoop up solid material while minimizing dust generation

Dispose of contents / container in accordance with local regulations

Reference to other sections:

Not determined or not applicable.

SECTION 7: Handling and storage

Precautions for safe handling:

Use only with adequate ventilation.

Avoid breathing dust.

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Do not eat, drink, smoke or use personal products when handling chemical substances.

Conditions for safe storage, including any incompatibilities:

Keep container tightly sealed.

Keep container dry.

Store in a cool, well-ventilated area.

SECTION 8: Exposure controls/personal protection

Only those substances with limit values have been included below.

Occupational Exposure limit values:

Country (Legal Basis)	Substance	Identifier	Permissible concentration
ACGIH	Zinc oxide	1314-13-2	ACGIH TLV TWA 2.0 mg/m ³
	Zinc oxide	1314-13-2	ACGIH TLV TWA 10.0 mg/m ³
	Stearic acid	57-11-4	8-Hour Exposure Limit (TLV-TWA): 10 mg/m ³ [Stearates (except stearates of toxic metals), Inhalable fraction]
	Stearic acid	57-11-4	8-Hour Exposure Limit (TLV-TWA): 3 mg/m ³ [Stearates (except stearates of toxic metals), Respirable fraction]
WEEL	Poly (ethylene oxide)	25322-68-3	WEEL TWA 10.0 mg/m ³
United States (OSHA)	Zinc oxide	1314-13-2	OSHA PEL TWA 5 mg/m ³ (Fume)
	Zinc oxide	1314-13-2	OSHA PEL TWA 15 mg/m ³ (Total dust)
	Zinc oxide	1314-13-2	OSHA PEL TWA 5 mg/m ³ (Respirable fraction)
NIOSH	Zinc oxide	1314-13-2	NIOSH REL TWA 5.0 mg/m ³ ; C 15 mg/m ³ (Dust)
	Zinc oxide	1314-13-2	NIOSH REL TWA 5.0 mg/m ³ ; ST 10 mg/m ³ (Fume)

Biological limit values:

No biological exposure limits noted for the ingredient(s).

Information on monitoring procedures:

Monitoring of the concentration of substances in the breathing zone of workers or in the general workplace may be required to confirm compliance with an OEL and adequacy of exposure controls.

Biological monitoring may also be appropriate for some substances.

Appropriate engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling.

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

Personal protection equipment

Eye and face protection:

Safety goggles or glasses, or appropriate eye protection.

Skin and body protection:

Select glove material impermeable and resistant to the substance.

Wear appropriate clothing to prevent any possibility of skin contact.

Respiratory protection:

If engineering controls do not maintain airborne concentrations below recommended exposure limits

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(where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

General hygienic measures:

- Avoid contact with skin, eyes and clothing.
- Wash hands before breaks and at the end of work.
- Wash contaminated clothing before reuse.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Conical points
Odor	Not determined or not available.
Odor threshold	Not determined or not available.
pH	Not determined or not available.
Melting point/freezing point	80°C/176°F
Initial boiling point/range	Not determined or not available.
Flash point (closed cup)	Not determined or not available.
Evaporation rate	Not determined or not available.
Flammability (solid, gas)	Not determined or not available.
Upper flammability/explosive limit	Not determined or not available.
Lower flammability/explosive limit	Not determined or not available.
Vapor pressure	Not determined or not available.
Vapor density	Not determined or not available.
Density	Not determined or not available.
Relative density	Not determined or not available.
Solubilities	Not determined or not available.
Partition coefficient (n-octanol/water)	Not determined or not available.
Auto/Self-ignition temperature	Not determined or not available.
Decomposition temperature	Not determined or not available.
Dynamic viscosity	Not determined or not available.
Kinematic viscosity	Not determined or not available.
Explosive properties	Not determined or not available.
Oxidizing properties	Not determined or not available.

Other information

SECTION 10: Stability and reactivity

Reactivity:

Does not react under normal conditions of use and storage.

Chemical stability:

Stable under normal conditions of use and storage.

Possibility of hazardous reactions:

None under normal conditions of use and storage.

Conditions to avoid:

None known.

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Incompatible materials:

None known.

Hazardous decomposition products:

None known.

SECTION 11: Toxicological information

Acute toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data: No data available.

Skin corrosion/irritation

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data: No data available.

Serious eye damage/irritation

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data: No data available.

Respiratory or skin sensitization

Assessment: May cause an allergic skin reaction

Product data:

No data available.

Substance data: No data available.

Carcinogenicity

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data: No data available.

International Agency for Research on Cancer (IARC): None of the ingredients are listed.

National Toxicology Program (NTP): None of the ingredients are listed.

Germ cell mutagenicity

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data: No data available.

Reproductive toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data: No data available.

Specific target organ toxicity (single exposure)

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data:

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Name	Result
Poly (ethylene oxide)	Specific Target Organ Toxicity, Single Exposure - May cause respiratory irritation.

Specific target organ toxicity (repeated exposure)

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data: No data available.

Aspiration toxicity

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data: No data available.

Information on likely routes of exposure:

No data available.

Symptoms related to the physical, chemical and toxicological characteristics:

No data available.

Other information:

No data available.

SECTION 12: Ecological information

Acute (short-term) toxicity

Assessment: Very toxic to aquatic life

Product data: No data available.

Substance data:

Name	Result
Zinc oxide	Oncorhynchus mykiss (rainbow trout) - 1.1 mg/l - 96.0 h
	Daphnia magna (Water flea) - 0.098 mg/l - 48 h

Chronic (long-term) toxicity

Product data: No data available.

Substance data: No data available.

Persistence and degradability

Product data: No data available.

Substance data: No data available.

Bioaccumulative potential

Product data: No data available.

Substance data: No data available.

Mobility in soil

Product data: No data available.

Substance data: No data available.

Other adverse effects: No data available.

SECTION 13: Disposal considerations

Disposal methods:

It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities

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SECTION 14: Transport information



United States Transportation of dangerous goods (49 CFR DOT)

UN number	UN3077
UN proper shipping name	Environmentally Hazardous Substance, Solid, N.O.S. (Zinc Oxide)
UN transport hazard class(es)	9  
Packing group	III
Environmental hazards	Marine Pollutant (Zinc Oxide)
Special precautions for user	None

International Maritime Dangerous Goods (IMDG)

UN number	UN3077
UN proper shipping name	Environmentally Hazardous Substance, Solid, N.O.S. (Zinc Oxide)
UN transport hazard class(es)	9  
Packing group	III
Environmental hazards	Marine Pollutant (Zinc Oxide)
Special precautions for user	None
EmS number	F-A, S-F
Stowage category	A
Excepted quantities	E1
Limited quantity	5 kg

International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN number	UN3077
UN proper shipping name	Environmentally Hazardous Substance, Solid, N.O.S. (Zinc Oxide)
UN transport hazard class(es)	9  
Packing group	III
Environmental hazards	Marine Pollutant (Zinc Oxide)
Special precautions for user	None
ERG code	9L
Excepted quantities	E1
Passenger and cargo	400 kg
Cargo aircraft only	400 kg
Limited quantity	30 Kg G

SECTION 15: Regulatory information

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United States regulations

Inventory listing (TSCA):

9000-32-2	Gutta Percha	Not Listed
1314-13-2	Zinc oxide	Listed
25322-68-3	Poly (ethylene oxide)	Listed
57-11-4	Stearic acid	Listed
96-69-5	Lauwinox (Santonox)	Listed

Significant New Use Rule (TSCA Section 5): Not determined.

Export notification under TSCA Section 12(b): Not determined.

SARA Section 302 extremely hazardous substances: Not determined.

SARA Section 313 toxic chemicals:

1314-13-2	Zinc oxide	Listed
25322-68-3	Poly (ethylene oxide)	Not Listed
57-11-4	Stearic acid	Not Listed

CERCLA: Not determined.

RCRA: Not determined.

Section 112(r) of the Clean Air Act (CAA): Not determined.

Massachusetts Right to Know:

1314-13-2	Zinc oxide	Listed
25322-68-3	Poly (ethylene oxide)	Not Listed
57-11-4	Stearic acid	Not Listed

New Jersey Right to Know:

1314-13-2	Zinc oxide	Listed
25322-68-3	Poly (ethylene oxide)	Not Listed
57-11-4	Stearic acid	Not Listed

New York Right to Know:

1314-13-2	Zinc oxide	Listed
25322-68-3	Poly (ethylene oxide)	Not Listed
57-11-4	Stearic acid	Not Listed

Pennsylvania Right to Know:

1314-13-2	Zinc oxide	Listed
25322-68-3	Poly (ethylene oxide)	Not Listed
57-11-4	Stearic acid	Not Listed

California Proposition 65: None of the ingredients are listed.

SECTION 16: Other information

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Abbreviations and Acronyms: None

Disclaimer:

This product has been classified in accordance with OSHA HCS 2012 guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

NFPA: 2-0-0-0

HMIS: 2-0-0-0

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End of Safety Data Sheet