

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 08.06.2013

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Revision date: 03.02.2026**RhinoDecor CTT Trowel Top****SECTION 1: Identification****Product Identifier****Product Name:** RhinoDecor CTT Trowel Top**Product code:** RF800-CTT**Recommended Use of the Product and Restriction on Use****Relevant Identified Uses:** FLOORING - Cementitious Coating**Uses Advised Against:** Not determined or not applicable.**Reasons Why Uses Advised Against:** Not determined or not applicable.**Manufacturer or Supplier Details****Manufacturer:****United States**

Rhino Linings Corporation
1001 Ed Rutherford Road
Greenville, TX 75402
858-450-0441
www.rhinolinings.com

Emergency Telephone Number:**North America**

CHEMTREC
800-424-9300 (24/7)

SECTION 2: Hazard(s) Identification**GHS Classification:**

Skin irritation, category 2

Serious eye damage, category 1

Skin sensitization, category 1

Carcinogenicity, category 1A

Specific target organ toxicity - single exposure, category 3, respiratory tract irritation

Specific target organ toxicity - repeated exposure, category 1

Label elements**Hazard Pictograms:****Signal Word:** Danger**Hazard statements:**

H315 Causes skin irritation

H318 Causes serious eye damage

H317 May cause an allergic skin reaction

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H350 May cause cancer if inhaled.

H335 May cause respiratory irritation

H372 Causes damage to organs through prolonged or repeated exposure if inhaled.

Precautionary Statements:

P201 Obtain special instructions before use

P202 Do not handle until all safety precautions have been read and understood

P260 Do not breathe dust, fumes, gas, mist, vapors or spray.

P264 Wash any exposed skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product

P271 Use only outdoors or in a well-ventilated area

P272 Contaminated work clothing must not be allowed out of the workplace

P280 Wear protective gloves, protective clothing, eye protection and face protection.

P302+P352 IF ON SKIN: Wash with plenty of water and soap.

P362 Take off contaminated clothing and wash it before reuse

P321 Specific treatment (see Sections 4-8 of this SDS and any supplemental information on the product label).

P333+P313 If skin irritation or rash occurs: Get medical advice or attention.

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P310 Immediately call a POISON CENTER.

P308+P313 If exposed or concerned: Get medical advice or attention.

P314 Get medical advice or attention if you feel unwell.

P405 Store locked up

P403+P233 Store in a well-ventilated place. Keep container tightly closed

P501 Dispose of contents and container in accordance with local, regional, national, and international regulations.

Hazards Not Otherwise Classified: None

SECTION 3: Composition/Information on Ingredients

Identification	Name	Weight %
CAS Number: 65997-15-1	Portland cement	40-60
CAS Number: 7631-86-9	Silicon dioxide (amorphous)	20-40
CAS Number: 14808-60-7	Silica, crystalline quartz (respirable)	5-15
CAS Number: 13397-24-5	Calcium sulfate dihydrate	1-5
CAS Number: 1317-65-3	Limestone	1-5
CAS Number: 1332-58-7	Kaolin	1-5
CAS Number: 13463-67-7	Titanium Dioxide	0.1-1

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Additional Information: None

SECTION 4: First Aid Measures

Description of First Aid Measures

General Notes:

Show this Safety Data Sheet to the doctor in attendance.

After Inhalation:

If inhaled, remove person to fresh air and place in a position comfortable for breathing. Keep person at rest. If breathing is difficult, administer oxygen. If breathing has stopped, provide artificial respiration. If experiencing respiratory symptoms, seek medical advice/attention.

After Skin Contact:

Remove contaminated clothing and shoes. Rinse skin with copious amounts of water [shower] for several minutes. Launder contaminated clothing before reuse. If symptoms develop or persist, seek medical advice/attention.

After Eye Contact:

Immediately rinse eyes with plenty of gently flowing lukewarm water for 15 minutes. Remove contact lenses if present and easy to do so. Protect unexposed eye. Seek immediate medical attention, preferably from an ophthalmologist.

After Swallowing:

If swallowed, DO NOT induce vomiting unless told to do so by a physician or poison control center. Rinse mouth with water. Never give anything by mouth to an unconscious person. If spontaneous vomiting occurs, place on the left side with head down to prevent aspiration of liquid into the lungs. If symptoms develop or persist, seek medical advice/attention.

Most Important Symptoms and Effects, Both Acute and Delayed

Acute Symptoms and Effects:

Eye contact may result in irritation, redness, pain, inflammation, itching, burning, tearing, corneal damage and loss of vision.

Dermal exposure may cause an allergic skin reaction. Symptoms may include irritation, redness, pain, rash, inflammation, itching, burning and dermatitis.

Inhalation may have adverse effects on the respiratory tract. Symptoms may include cough, breathing difficulties, sore throat and inflammation of the mucous membrane lining the respiratory tract.

Delayed Symptoms and Effects:

Effects are dependent on exposure (dose, concentration, contact time).

Exposure may cause cancer. Effects are dependent on exposure (dose, concentration, contact time).

Causes damage to organs through prolonged or repeated exposure. Effects are dependent on exposure (dose, concentration, contact time).

Immediate Medical Attention and Special Treatment

Specific Treatment:

In case of eye contact, seek prompt medical attention while rinsing is continued.

If respiratory symptoms persist, seek medical attention.

Notes for the Doctor:

Treat symptomatically.

SECTION 5: Firefighting Measures

Extinguishing Media

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Suitable Extinguishing Media:

Water mist/fog, carbon dioxide, dry chemical or alcohol resistant foam.

Unsuitable Extinguishing Media:

Do not use water jet.

Specific Hazards During Fire-Fighting:

Thermal decomposition may produce irritating/toxic fumes/gases.

Special Protective Equipment for Firefighters:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full-face piece operated in positive pressure mode.

Special precautions:

Avoid contact with skin, eyes, hair and clothing. Do not breathe fumes/gas/mists/aerosols/vapors/dusts.

Move containers from fire area if safe to do so. Use water spray/fog for cooling fire exposed containers.

Avoid unnecessary run-off of extinguishing media which may cause pollution.

SECTION 6: Accidental Release Measures

Personal Precautions, Protective Equipment, and Emergency Procedures:

Evacuate unnecessary personnel. Ventilate area. Extinguish any sources of ignition. Wear recommended personal protective equipment (see Section 8). Avoid contact with skin, eyes and clothing. Avoid breathing mist, vapor, dust, fume and spray. Do not walk through spilled material. Wash thoroughly after handling.

Environmental Precautions:

Prevent further leakage or spillage if safe to do so. Prevent from reaching drains, sewers and waterways.

Discharge into the environment must be avoided.

Methods and Material for Containment and Cleaning Up:

Do not touch damaged containers or spilled material unless wearing appropriate personal protective clothing. Stop leak if you can do it without risk. Contain and collect spillage and place in suitable container for future disposal. Dispose of in accordance with all applicable regulations (see Section 13).

Reference to Other Sections:

For personal protective equipment see Section 8. For disposal see Section 13.

SECTION 7: Handling and Storage

Precautions for Safe Handling:

Use appropriate personal protective equipment (see Section 8). Use only with adequate ventilation. Avoid breathing mist/vapor/spray/dust. Do not eat, drink, smoke, or use personal products when handling chemical substances. Do not get in eyes. Avoid contact with skin and clothing. Wash affected areas thoroughly after handling. Keep away from incompatible materials (See Section 10). Keep containers tightly closed when not in use.

Conditions for Safe Storage, Including Any Incompatibilities:

Store in a secure location, accessible by authorized persons only. Protect from contact with water, moisture and humidity. Keep out of reach of children. Store away from food and animal feed.

SECTION 8: Exposure Controls/Personal Protection

Only those substances with limit values have been included below.

Occupational Exposure Limit Values:

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Country (Legal Basis)	Substance	Identifier	Permissible concentration
OSHA	Portland cement	65997-15-1	8-Hour TWA-PEL: 15 mg/m ³ (total dust - PNOR)
	Portland cement	65997-15-1	8-Hour TWA-PEL: 5 mg/m ³ (respirable fraction - PNOR)
	Silica, crystalline quartz (respirable)	14808-60-7	8-Hour TWA-PEL: 0.05 mg/m ³
	Silica, crystalline quartz (respirable)	14808-60-7	8-Hour TWA-PEL: 0.025 mg/m ³ (Action level)
	Calcium sulfate dihydrate	13397-24-5	8-Hour TWA-PEL: 5 mg/m ³ (respirable fraction)
	Calcium sulfate dihydrate	13397-24-5	8-Hour TWA-PEL: 15 mg/m ³ (total dust)
	Limestone	1317-65-3	8-Hour TWA-PEL: 15 mg/m ³ (total dust)
	Limestone	1317-65-3	8-Hour TWA-PEL: 5 mg/m ³ (respirable fraction)
	Kaolin	1332-58-7	8-Hour TWA-PEL: 15 mg/m ³ (total dust)
	Kaolin	1332-58-7	8-Hour TWA-PEL: 5 mg/m ³ (respirable fraction)
	Titanium Dioxide	13463-67-7	8-Hour TWA-PEL: 15 mg/m ³ (total dust)
	Silicon dioxide (amorphous)	7631-86-9	8-Hour TWA-PEL: 0.8 mg/m ³
NIOSH	Portland cement	65997-15-1	REL-TWA: 10 mg/m ³ (total [up to 10 h])
	Portland cement	65997-15-1	REL-TWA: 5 mg/m ³ (respirable [up to 10 h])
	Portland cement	65997-15-1	IDLH: 5000 mg/m ³
	Silica, crystalline quartz (respirable)	14808-60-7	REL-TWA: 0.05 mg/m ³ (up to 10 hr)
	Silica, crystalline quartz (respirable)	14808-60-7	IDLH: 50 mg/m ³
	Calcium sulfate dihydrate	13397-24-5	REL-TWA: 5 mg/m ³ (respirable [up to 10 hr])
	Calcium sulfate dihydrate	13397-24-5	REL-TWA: 10 mg/m ³ (total [up to 10 hr])
	Limestone	1317-65-3	REL-TWA: 10 mg/m ³ (total dust [up to 10 hr])
	Limestone	1317-65-3	REL-TWA: 5 mg/m ³ (respirable dust [up to 10 hr])
	Kaolin	1332-58-7	REL-TWA: 10 mg/m ³ (total dust [up to 10 hr])
	Kaolin	1332-58-7	REL-TWA: 5 mg/m ³ (respirable dust [up to 10 hr])
	Titanium Dioxide	13463-67-7	REL-TWA: 0.3 mg/m ³ (ultrafine, including engineered nanoscale [up to 10 hr])
	Titanium Dioxide	13463-67-7	IDLH: 5000 mg/m ³
	Titanium Dioxide	13463-67-7	REL-TWA: 2.4 mg/m ³ (fine [up to 10 hr])
	Silicon dioxide (amorphous)	7631-86-9	REL-TWA: 6 mg/m ³ (up to 10 hrs.)
	Silicon dioxide (amorphous)	7631-86-9	IDLH: 3000 mg/m ³

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Country (Legal Basis)	Substance	Identifier	Permissible concentration
ACGIH	Portland cement	65997-15-1	8-Hour TWA: 1 mg/m ³ (respirable particulate matter containing no asbestos and <1% crystalline silica)
	Silica, crystalline quartz (respirable)	14808-60-7	8-Hour TWA: 0.025 mg/m ³ (respirable particulate matter)
	Calcium sulfate dihydrate	13397-24-5	8-Hour TWA: 10 mg/m ³ (inhalable particulate matter)
	Kaolin	1332-58-7	8-Hour TWA: 2 mg/m ³ (respirable particulate matter, containing no asbestos and <1 % crystalline silica)
	Titanium Dioxide	13463-67-7	8-Hour TWA: 2.5 mg/m ³ (finescale particles, respirable particulate matter)
	Titanium Dioxide	13463-67-7	8-Hour TWA: 0.2 mg/m ³ (nanoscale particles, respirable particulate matter)
	Silicon dioxide (amorphous)	7631-86-9	8-Hour TWA: 10 mg/m ³ (Particles (insoluble or poorly soluble) not otherwise specified, inhalable)
	Silicon dioxide (amorphous)	7631-86-9	8-Hour TWA: 3 mg/m ³ (Particles (insoluble or poorly soluble) not otherwise specified, respirable)
United States(California)	Portland cement	65997-15-1	8-Hour TWA-PEL: 10 mg/m ³ (Particulates not otherwise regulated, Total dust)
	Portland cement	65997-15-1	8-Hour TWA-PEL: 5 mg/m ³ (Particulates not otherwise regulated, Respirable fraction)
	Silica, crystalline quartz (respirable)	14808-60-7	8-Hour TWA-PEL: 0.05 mg/m ³ (respirable dust)
	Calcium sulfate dihydrate	13397-24-5	8-Hour TWA-PEL: 10 mg/m ³ (total dust, particulates not otherwise regulated)
	Calcium sulfate dihydrate	13397-24-5	8-Hour TWA-PEL: 5 mg/m ³ (respirable fraction, particulates not otherwise regulated)
	Limestone	1317-65-3	8-Hour TWA-PEL: 10 mg/m ³ (Particulates not otherwise regulated, total dust)
	Limestone	1317-65-3	8-Hour TWA-PEL: 5 mg/m ³ (Particulates not otherwise regulated, respirable fraction)
	Kaolin	1332-58-7	8-Hour TWA-PEL: 2 mg/m ³ (respirable dust, containing no asbestos and <1% crystalline silica)
	Titanium Dioxide	13463-67-7	8-Hour TWA-PEL: 10 mg/m ³ (particles not otherwise regulated, total dust)

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Country (Legal Basis)	Substance	Identifier	Permissible concentration
	Titanium Dioxide	13463-67-7	8-Hour TWA-PEL: 5 mg/m ³ (particles not otherwise regulated, respirable fraction)
	Silicon dioxide (amorphous)	7631-86-9	8-Hour TWA-PEL: 6 mg/m ³ (total dust)
	Silicon dioxide (amorphous)	7631-86-9	8-Hour TWA-PEL: 3 mg/m ³ (respirable dust)
United States	Silicon dioxide (amorphous)	7631-86-9	8-Hour TWA-PEL: 6 mg/m ³ (precipitated and gel)

Biological Limit Values:

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

Information on Monitoring Procedures:

Not determined or not applicable.

Appropriate Engineering Controls:

Emergency eye wash stations and safety showers should be available in the immediate vicinity of use or handling. Provide adequate ventilation to maintain the airborne concentrations of vapor, mists, and/or dusts below the applicable workplace exposure limits, while observing recognized national standards (or equivalent).

Personal Protection Equipment

Eye and Face Protection:

Use safety glasses with side shields or goggles. Consider the use of a face shield for splash protection. Use eye protection equipment that has been tested and approved by recognized national standards (or equivalent).

Skin and Body Protection:

Chemical resistant, impervious gloves approved by the appropriate standards. Gloves must be inspected prior to use. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. Avoid skin contact with used gloves. Appropriate techniques should be used to remove used gloves and contaminated clothing. Full body protection should be worn. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Ensure that all personal protective equipment is approved by recognized national standards (or equivalent).

Respiratory Protection:

If engineering controls do not maintain airborne concentrations below the applicable workplace exposure limits, or to an acceptable level (if exposure limits have not been established), a respirator approved by recognized national standards (or equivalent) must be worn.

General Hygienic Measures:

When handling chemical products, do not eat, drink or smoke. Wash hands after handling, before breaks, and at the end of the workday. Avoid contact with skin, eyes and clothing. Wash contaminated clothing before reuse. Perform routine housekeeping.

SECTION 9: Physical and Chemical Properties

Information on Basic Physical and Chemical Properties

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Appearance	Solid. Granular, white to off-white powder
Odor	Odorless
Odor threshold	Not determined or not available.
pH	>11.5
Melting point/freezing point	Not determined or not available.
Initial boiling point/range	Not determined or not available.
Flash point (closed cup)	Not Applicable. Not Flammable. Not Combustible.
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	2.3 - 3.1 (water=1)
Solubilities	Insoluble
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.

SECTION 10: Stability and Reactivity

Reactivity:

Reacts slowly with water forming hydrated compounds, releasing heat and a strongly alkaline solution.

Chemical Stability:

Stable under recommended handling and storage conditions.

Possibility of Hazardous Reactions:

Portland cement concrete is highly alkaline and may react vigorously with strong acids, ammonium salts and aluminum metal.

Conditions to Avoid:

Humid air and water.

Incompatible Materials:

Strong oxidizing agents; alcohols, amines, bases, acids, metal alloys. • Silica reacts violently with powerful oxidizing agents such as hydrofluoric acid, fluorine, boron trifluoride, chlorine trifluoride, manganese trifluoride, oxygen difluoride, hydrogen peroxide, acetylene, ammonia yielding possible fire and/or explosions. Silicates dissolve readily in hydrofluoric acid producing a corrosive gas silicon tetrafluoride. • Portland Cement is highly alkaline and will react with acids to produce a violent, heat-generating reaction. Released toxic gases or vapors will depend on the acid involved. Aluminum powder and other alkali and alkaline earth elements will react in wet mortar or concrete, liberating hydrogen gas. Reacts slowly with water forming hydrated compounds, releasing heat and producing a strong alkaline solution until reaction is substantially complete. • Calcium Sulfate Dihydrate (Gypsum): Aluminum (at high temperatures), diazomethane. • Calcium Carbonate (Limestone) ignites on contact with fluorine and is incompatible with

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acids, alum, ammonium salts, and magnesium.

Hazardous Decomposition Products:

In contact with water and moisture, generates corrosive calcium hydroxide.

SECTION 11: Toxicological Information

Acute Toxicity

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

Product Data: No data available.

Substance Data:

Name	Route	Result
Calcium sulfate dihydrate	oral	LD50 Rat: >2000 mg/kg
	inhalation	LC50 Rat: >3.26 mg/L (4 hr [dust] - no mortality)
Limestone	oral	LD50 Rat: >2000 mg/kg ([Read-across substance data])
	dermal	LD50 Rat: >2000 mg/kg ([Read-across substance data])
	inhalation	LC50 Rat: >3 mg/L (4 hr [aerosol, Read-across substance data])
Kaolin	oral	LD50 Rat: > 5000 mg/kg
	dermal	LD50 Rat: > 5000 mg/kg
Titanium Dioxide	oral	LD50 Rat: > 5000 mg/kg
	inhalation	LC50 Rat: 5.09 mg/L (4 hr [aerosol])
	dermal	LD50 Rat: > 2000 mg/kg
Silicon dioxide (amorphous)	oral	LD50 Rat: > 5000 mg/kg
	dermal	LD50 Rabbit: > 2000 mg/kg
	inhalation	LC50 Rat: > 5.01 mg/L (4hr [Aerosol])

Skin Corrosion/Irritation

Assessment:

Causes skin irritation.

Product Data:

No data available.

Substance Data:

Name	Result
Portland cement	Causes skin irritation.

Serious Eye Damage/Irritation

Assessment:

Causes serious eye damage.

Product Data:

No data available.

Substance Data:

Name	Result
Portland cement	Causes serious eye damage.

Respiratory or Skin Sensitization

Assessment:

May cause an allergic skin reaction.

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Product Data:

No data available.

Substance Data:

Name	Result
Portland cement	May cause an allergic skin reaction.

Carcinogenicity

Assessment:

May cause cancer.

Product Data: No data available.

Substance Data:

Name	Species	Result
Silica, crystalline quartz (respirable)		May cause cancer via inhalation.

International Agency for Research on Cancer (IARC):

Name	Classification
Portland cement	Not Applicable
Silica, crystalline quartz (respirable)	Group 1
Calcium sulfate dihydrate	Not Applicable
Limestone	Not Applicable
Kaolin	Not Applicable
Titanium Dioxide	Group 2B
Silicon dioxide (amorphous)	Group 3

National Toxicology Program (NTP):

Name	Classification
Portland cement	Not Applicable
Silica, crystalline quartz (respirable)	Known to be human carcinogens
Calcium sulfate dihydrate	Not Applicable
Limestone	Not Applicable
Kaolin	Not Applicable
Titanium Dioxide	Not Applicable
Silicon dioxide (amorphous)	Not Applicable

OSHA Carcinogens:

Ingredient Name	CAS	OSHA Carcinogens Status
Silica, crystalline quartz (respirable)	14808-60-7	Yes
Titanium Dioxide	13463-67-7	Yes

Germ Cell Mutagenicity

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

Product Data:

No data available.

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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:

May cause respiratory irritation.

Product Data:

No data available.

Substance Data:

Name	Result
Portland cement	May cause respiratory irritation.

Specific Target Organ Toxicity (Repeated Exposure)

Assessment:

Causes damage to organs through prolonged or repeated exposure.

Product Data:

No data available.

Substance Data:

Name	Result
Silica, crystalline quartz (respirable)	Causes damage to organs (lungs; kidneys; immune system) through prolonged or repeated exposure via inhalation.

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

Product Data: No data available.

Substance Data:

Name	Result
Calcium sulfate dihydrate	Fish LC50 Oryzias latipes: >100 mg/L (96 hr)
	Aquatic Invertebrates LC50 Daphnia magna: >100 mg/L (48 hr)
	Aquatic Plants EC50 Raphidocelis subcapitata: >100 mg/L (72 hr [growth])

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Name	Result
Limestone	Fish LC50 Oncorhynchus mykiss: >100 mg/L (96 hr [Read-across substance data])
	Aquatic Invertebrates EC50 Daphnia magna: >100 mg/L (48 hr [mobility, Read-across substance data])
	Aquatic Plants EC50 Desmodium subspicatus: >14 mg/L (72 hr [growth rate and yield, Read-across substance data])
Titanium Dioxide	Aquatic Invertebrates EC50 Daphnia magna: > 100 mg/L (48 hr [mobility])
	Aquatic Plants EC50 Raphidocelis subcapitata: >100 mg/L (72 hr [growth rate])
	Fish LC50 Pimephales promelas: >1000 mg/L (96 hr)
Silicon dioxide (amorphous)	Fish LC50 Pimephales promelas: > 5000 mg/L (96 hr)
	Aquatic Invertebrates EC50 Daphnia magna: > 5000 mg/L (48 hr [mobility])
	Aquatic Plants EC50 Desmodium subspicatus: >173.1 mg/L (72 hr [growth rate])

Chronic (Long-Term) Toxicity

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

Product Data: No data available.

Substance Data:

Name	Result
Titanium Dioxide	Aquatic Invertebrates NOEC Daphnia magna: $\geq$ 10 mg/L (21 d [population and growth rate])
	Fish NOEC Freshwater fish: $\geq$ 80 mg/L (6 d [time to hatch])
Silicon dioxide (amorphous)	Aquatic Invertebrates NOEC Daphnia magna: 68 mg/L (21 d [mortality])
	Fish NOEC Fish specie: 57.001 mg/L (30 d [QSAR substance data])

Persistence and Degradability

Product Data: No data available.

Substance Data:

Name	Result
Calcium sulfate dihydrate	Biodegradation studies are not applicable to inorganic substances.
Limestone	Persistence assessment based on biodegradability is not relevant for metals and their inorganic compounds such as this substance.
Titanium Dioxide	Persistence assessment based on biodegradability is not relevant for inorganic compounds such as this substance.
Silicon dioxide (amorphous)	Persistence assessment based on biodegradability is not relevant for inorganic compounds such as this substance.

Bioaccumulative Potential

Product Data: No data available.

Substance Data:

Name	Result
Calcium sulfate dihydrate	Calcium sulfate dissociates into the calcium Ca^{2+} and sulfate SO_4^{2-} ions at environmental pH. These are essential to all living organisms (flora and fauna) and their intracellular and extra-cellular concentrations are actively regulated. Bioaccumulation is thus not expected.

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Name	Result
Limestone	Bioaccumulation assessment using a classic BCF assessment is not considered relevant for inorganic compounds such as this substance.
Titanium Dioxide	Bioaccumulation assessment using a classic BCF assessment is not considered relevant for inorganic compounds such as this substance.
Silicon dioxide (amorphous)	Bioaccumulation assessment using a classic BCF assessment is not considered relevant for inorganic compounds such as this substance.

Mobility in Soil

Product Data: No data available.

Substance Data:

Name	Result
Limestone	Mobility in soil assessment based on KOC/Kd values are not relevant for inorganic compounds such as this substance.
Titanium Dioxide	Mobility in soil assessment based on KOC/Kd values are not relevant for inorganic compounds such as this substance.
Silicon dioxide (amorphous)	Mobility in soil assessment based on KOC/Kd values are not relevant for inorganic compounds such as this substance.

Results of PBT and vPvB assessment

Product Data:

PBT assessment: This product does not contain any substances that are assessed to be a PBT.

vPvB assessment: This product does not contain any substances that are assessed to be a vPvB.

Substance Data:

PBT assessment:

Calcium sulfate dihydrate	PBT assessment does not apply.
Limestone	PBT assessment does not apply to inorganic compounds such as this substance.
Titanium Dioxide	PBT assessment does not apply to inorganic compounds such as this substance.
Silicon dioxide (amorphous)	PBT assessment does not apply to inorganic compounds such as this substance.

vPvB assessment:

Calcium sulfate dihydrate	vPvB assessment does not apply.
Limestone	vPvB assessment does not apply to inorganic compounds such as this substance.
Titanium Dioxide	vPvB assessment does not apply to inorganic compounds such as this substance.
Silicon dioxide (amorphous)	vPvB assessment does not apply to inorganic compounds such as this substance.

Other Adverse Effects: No data available.

SECTION 13: Disposal Considerations

Disposal Methods:

The generation of waste should be avoided or minimized wherever possible. If product becomes a waste, it does not meet criteria of hazardous waste as defined in 40 CFR 261, Subpart C and D. Do not discharge into sewer system. Spill cleanup residues may still be subject to RCRA storage and disposal requirements. Dispose waste in compliance with local, state and federal regulations via licensed waste disposal contractor.

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Contaminated packages:

Even after emptying, container may retain residues. Containers should be completely emptied and safely stored until appropriately reconditioned or disposed through licensed contractor in accordance with government regulation. This material and its container must be disposed of in a safe way.

SECTION 14: Transport Information

United States Transportation of Dangerous Goods (49 CFR DOT)

UN Number	Not regulated
UN Proper Shipping Name	Not regulated
UN Transport Hazard Class(es)	None
Packing Group	None
Environmental Hazards	None
Special Precautions for User	None

International Maritime Dangerous Goods (IMDG)

UN Number	Not regulated
UN Proper Shipping Name	Not regulated
UN Transport Hazard Class(es)	None
Packing Group	None
Environmental Hazards	None
Special Precautions for User	None

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

UN Number	Not regulated
UN Proper Shipping Name	Not regulated
UN Transport Hazard Class(es)	None
Packing Group	None
Environmental Hazards	None
Special Precautions for User	None

SECTION 15: Regulatory Information

United States Regulations

Inventory Listing (TSCA): All ingredients are listed-active or exempt.

Significant New Use Rule (TSCA Section 5): None of the ingredients are listed.

Export Notification under TSCA Section 12(b): None of the ingredients are listed.

SARA Section 302 Extremely Hazardous Substances: None of the ingredients are listed.

SARA Section 313 Toxic Chemicals: None of the ingredients are listed.

CERCLA: None of the ingredients are listed.

RCRA: None of the ingredients are listed.

Section 112(r) of the Clean Air Act (CAA): None of the ingredients are listed.

Massachusetts Right to Know:

65997-15-1	Portland cement	Listed
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14808-60-7	Silica, crystalline quartz (respirable)	Listed
13397-24-5	Calcium sulfate dihydrate	Listed
1317-65-3	Limestone	Listed
1332-58-7	Kaolin	Listed
13463-67-7	Titanium Dioxide	Listed
7631-86-9	Silicon dioxide (amorphous)	Listed

New Jersey Right to Know:

65997-15-1	Portland cement	Listed
14808-60-7	Silica, crystalline quartz (respirable)	Listed
13397-24-5	Calcium sulfate dihydrate	Listed
1317-65-3	Limestone	Listed
1332-58-7	Kaolin	Listed
13463-67-7	Titanium Dioxide	Listed
7631-86-9	Silicon dioxide (amorphous)	Listed

New York Right to Know:

13463-67-7	Titanium Dioxide	Listed
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Pennsylvania Right to Know:

65997-15-1	Portland cement	Listed
14808-60-7	Silica, crystalline quartz (respirable)	Listed
13397-24-5	Calcium sulfate dihydrate	Listed
1317-65-3	Limestone	Listed
1332-58-7	Kaolin	Listed
13463-67-7	Titanium Dioxide	Listed
7631-86-9	Silicon dioxide (amorphous)	Listed

California Proposition 65:

 **WARNING:** This product can expose you to chemicals including Silica, crystalline quartz (respirable), Silica, crystalline (airborne particles of respirable size) and Titanium dioxide (airborne, unbound particles of respirable size) which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Additional information: Not determined.

SECTION 16: Other Information

Abbreviations and Acronyms: None

Disclaimer:

The data set forth in this sheet are based on information provided by the suppliers of the raw materials and chemicals used in the manufacture of the aforementioned product. Rhino Linings Corporation makes no warranty with respect to the accuracy of the information provided by their suppliers, and disclaims all liability of reliance thereof. Sections 11/12 Disclaimer (Toxicity/Ecotoxicity): This product itself has not been tested. Information given is based on data on the components and the toxicology of similar products. Section 14 (Transport Information): Information provided in Section 14 is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

NFPA: 2-0-0

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Revision Notes:

Revision Date	Notes
2013-08-06	Internal Review
2015-08-17	Internal Review
2026-03-02	Internal Review

End of Safety Data Sheet