



Safety Data Sheet

US Hazard Communication Standard 2024 (29 CFR 1910.1200)

Initial Preparation Date: 11.07.2018

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DuraTite 1395

SECTION 1: Identification

Product Identifier

Product Name: DuraTite 1395

Product code: DT1395

Additional information: This SDS covers DT1395W (White) and DT1395G (Grey) Products

Recommended Use of the Chemical and Restrictions on Use:

Recommended Uses: ROOF COATING: Single Component

Restrictions on Use: Not determined or not applicable.

Manufacturer or Supplier Details

Manufacturer:

United States

Rhino Linings Corporation
1001 Ed Rutherford Road
Greenville, TX 75402
800-422-2603
www.rhinolinings.com

Emergency Telephone Number:

North America

CHEMTREC
800-424-9300 (24/7)

SECTION 2: Hazard Identification

Classification of the chemical in accordance with paragraph (d) of § 1910.1200:

Flammable liquids, category 4

Carcinogenicity, category 1A

Reproductive toxicity, category 2

Specific target organ toxicity - repeated exposure, category 1

Label elements

Hazard Symbol(s):



Signal Word: Danger

Hazard statement(s):

H227 Combustible liquid

H350 May cause cancer.

H361 Suspected of damaging fertility.

H372 Causes damage to organs by repeated or prolonged exposure.

Precautionary Statement(s):

P201 Obtain special instructions before use.

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

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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

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P264 Wash any exposed skin thoroughly after handling.

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

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

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

P370+P378 In case of fire: Use agents recommended in Section 5 for extinction.

P314 Get medical advice/attention if you feel unwell.

P405 Store locked up.

P403 Store in a well-ventilated place.

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

Hazards Not Otherwise Classified:

Product releases methanol during curing. Ensure adequate ventilation during application and cure

Contains octamethylcyclotetrasiloxane (D4; CAS 556-67-2) at low concentration. D4 has been identified in some regulatory jurisdictions as a persistent and bioaccumulative substance. Based on available data and concentrations present, the mixture is not classified for aquatic environmental hazards

SECTION 3: Composition/Information on Ingredients

Identification	Name	Weight %
CAS Number: 471-34-1	Calcium Carbonate	<50
CAS Number: 57-11-4	Stearic acid	1-5
CAS Number: 556-67-2	Octamethylcyclotetrasiloxane	0.1-1
CAS Number: 14808-60-7	Silica, crystalline quartz (respirable)	0.1-1
CAS Number: 27858-32-8	Bis(ethyl acetoacetato-O1',O3)bis(propan-2-olato)titanium	1-5

Additional information:

Specific chemical identity and/or exact percentage (concentration) of each ingredient may be held as confidential business information (CBI). Any ingredient not disclosed in this section may have been determined not to be hazardous to health or the environment, or it may be present at a level below its disclosure threshold.

SECTION 4: First Aid Measures

Description of Necessary 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 symptoms develop or persist, 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:

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Rinse eyes with plenty of water for several minutes. Remove contact lenses if present and easy to do so. Protect unexposed eye. If symptoms develop or persist, seek medical advice/attention

After Ingestion:

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:

Product is combustible. Exposure to sources of ignition may cause physical injury

Delayed Symptoms and Effects:

Long term exposure may affect fertility. Symptoms include, but are not limited to: menstrual problems, altered sexual behavior/fertility/ and pregnancy outcome. Long term exposure may also affect development of the unborn child. Symptoms include, but are not limited to: intrauterine growth retardation, pre-term birth, birth defects and postnatal death
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)

Indication of Immediate Medical Attention and Special Treatment Needed, If Necessary

Immediate Medical Attention:

Skin/eye burns require immediate treatment

Special Treatment:

No additional information.

Notes for the Doctor:

Treat symptomatically

SECTION 5: Firefighting Measures

Extinguishing Media

Suitable Extinguishing Media:

Dry chemical, CO₂, water spray or alcohol-resistant foam

Unsuitable Extinguishing Media:

Do not use water jet

Specific Hazards Arising From The Chemical:

Combustible liquid. Will be easily ignitable by heat, sparks or flames. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). Vapor explosion hazard indoors, outdoors or in sewers. Runoff to sewer may create fire or explosion hazard. Containers may explode when heated. Inhalation or contact with material may irritate or burn skin and eyes. Fire may produce irritating, corrosive and/or toxic gases. Vapors may cause dizziness or suffocation

Special Protective Equipment and Precautions for Fire-Fighters

Special Protective Equipment:

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

Evacuate non-essential personnel. Ventilate closed spaces before entering. Consider initial evacuation for 300 meters in all directions. If tank/rail car is involved in the fire, ISOLATE for 800 meters in all directions. Fight fire from a maximum distance. Move containers from fire area if you

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can do it without risk. Use water spray/fog for cooling fire exposed containers. Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank. Always stay away from tanks engulfed in fire. For massive fire, use unmanned hose holders or monitor nozzles. If this is impossible, withdraw from area and let fire burn. Stand by, at a safe distance, with extinguisher ready for possible re-ignition. A vapor-suppressing foam may be used to reduce vapors. Avoid unnecessary run-off of extinguishing media which may cause pollution. Do not handle damaged containers unless specialized to do so

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). Do not get on skin, eyes or on clothing. Avoid breathing mist, vapor, dust, fume and spray. Do not walk through spilled material. Wash thoroughly after handling. Remove contaminated clothing and launder before reuse

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. Avoid breathing dust, mist, fumes, vapors or spray. 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)

SECTION 7: Handling and Storage

Precautions for Safe Handling:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical, ventilating and lighting equipment. Take action to prevent static discharges. Handle containers with caution. 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. Avoid contact with skin, eyes 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 cool, dry, well-ventilated location out of direct sunlight. Keep away from food and beverages. Protect from freezing and physical damage. Store away from heat, open flames and other sources of ignition. Keep container tightly sealed. Store away from incompatible materials (See Section 10). Recommended storage in original container below 30°C (85°F).

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
NIOSH	Calcium Carbonate	471-34-1	REL-TWA: 5 mg/m ³ (respirable [up to 10 hr])
	Calcium Carbonate	471-34-1	REL-TWA: 10 mg/m ³ (total [up to 10 hr])
	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

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Country (Legal Basis)	Substance	Identifier	Permissible concentration
OSHA	Calcium Carbonate	471-34-1	8-Hour TWA-PEL: 15 mg/m ³ (total dust)
	Calcium Carbonate	471-34-1	8-Hour TWA-PEL: 5 mg/m ³ (respirable fraction)
	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)
ACGIH	Calcium Carbonate	471-34-1	8-Hour TWA: 10 mg/m ³ (Particles, insoluble or poorly soluble, not otherwise specified, inhalable)
	Calcium Carbonate	471-34-1	8-Hour TWA: 3 mg/m ³ (Particles, insoluble or poorly soluble, not otherwise specified, respirable)
	Stearic acid	57-11-4	8-Hour TWA: 3 mg/m ³ (respirable particulate matter, Stearates)
	Stearic acid	57-11-4	8-Hour TWA: 10 mg/m ³ (inhalable particulate matter, Stearates)
	Silica, crystalline quartz (respirable)	14808-60-7	8-Hour TWA: 0.025 mg/m ³ (respirable particulate matter)
United States(California)	Calcium Carbonate	471-34-1	8-Hour TWA-PEL: 10 mg/m ³ (Particulates not otherwise regulated, total dust)
	Calcium Carbonate	471-34-1	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)

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).

Individual Protection Measures, Such as Personal Protective Equipment

Eye and Face Protection:

Safety glasses or goggles. 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. Avoid skin contact with used gloves. Appropriate techniques should be used to remove used gloves and contaminated clothing. 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. Use a positive pressure air

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supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

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

Physical state	Liquid
Color	Various
Odor (includes odor threshold)	Alcohol
Melting point/freezing point	Not determined or not available.
Initial boiling point/range	Not determined or not available.
Flammability	Not determined or not available.
Upper flammability/explosive limit	Not determined or not available.
Lower flammability/explosive limit	Not determined or not available.
Flash point	Estimated >60 °C (140 °F)
Auto-ignition temperature	Not determined or not available.
Decomposition temperature	Not determined or not available.
pH	Not Applicable
Kinematic viscosity	Not determined or not available.
Solubilities	Not determined or not available.
Partition coefficient (n-octanol/water)	Not determined or not available.
Vapor pressure (includes evaporation rate)	Not determined or not available.
Density and/or relative density	1.30
Relative vapor density	Not determined or not available.
Particle characteristics	Not determined or not available.

Other Information

VOC	24 g/l
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SECTION 10: Stability and Reactivity

Reactivity:

Not reactive under recommended handling and storage conditions.

Chemical Stability:

Stable under recommended handling and storage conditions.

Possibility of hazardous reactions, including those associated with foreseeable emergencies:

Hazardous polymerisation does not occur.

Conditions to Avoid:

Extreme heat, open flames, hot surfaces, sparks, ignition sources, static electricity and incompatible materials. Vapor accumulation in low or confined areas.

Incompatible Materials:

None known.

Hazardous Decomposition Products:

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Carbon oxides Oxides of silicon. Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation.

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 Carbonate	dermal	LD50 Rat: > 2000 mg/kg
	inhalation	LC50 Rat: > 3 mg/L (4 hr [aerosol])
	oral	LD50 Rat: > 2000 mg/kg
Stearic acid	dermal	LD50 Rabbit: > 2000 mg/kg
	oral	LD50 Rat: 4600 mg/kg
Octamethylcyclotetrasiloxane	oral	LD50 Rat: > 4800 mg/kg
	dermal	LD50 Rat: > 2375 mg/kg
	inhalation	LC50 Rat: 36 mg/L (4 hr [aerosol])
Bis(ethyl acetoacetato-01',03)bis(propan-2-olato)titanium	oral	LD50 Rat: 23,020 mg/kg
	dermal	LD50 Rabbit: 12,870 mg/kg

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:

Name	Result
Bis(ethyl acetoacetato-01',03)bis(propan-2-olato)titanium	Causes serious eye irritation.

Respiratory or Skin Sensitization

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

Product Data:

No data available.

Substance Data: No data available.

Carcinogenicity

Assessment:

May cause cancer.

Product Data: No data available.

Substance Data:

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

International Agency for Research on Cancer (IARC):

Name	Classification
Calcium Carbonate	Not Applicable
Stearic acid	Not Applicable
Octamethylcyclotetrasiloxane	Not Applicable
Silica, crystalline quartz (respirable)	Group 1
Bis(ethyl acetoacetato-O1',O3)bis(propan-2-olato)titanium	Not Applicable

National Toxicology Program (NTP):

Name	Classification
Calcium Carbonate	Not Applicable
Stearic acid	Not Applicable
Octamethylcyclotetrasiloxane	Not Applicable
Silica, crystalline quartz (respirable)	Known to be human carcinogens
Bis(ethyl acetoacetato-O1',O3)bis(propan-2-olato)titanium	Not Applicable

OSHA Carcinogens:

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

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:

Suspected of damaging fertility or the unborn child.

Product Data:

No data available.

Substance Data:

Name	Result
Octamethylcyclotetrasiloxane	Suspected of damaging fertility.

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
Bis(ethyl acetoacetato-O1',O3)bis(propan-2-olato)titanium	May cause drowsiness or dizziness.

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.

Interactive effects:

No additional information.

Other Information:

Octamethylcyclotetrasiloxane (D4) Ingestion: Rodents given large doses via oral gavage of Octamethylcyclotetrasiloxane (1600mg/kg/day, 14 days), developed increased liver weights relative to unexposed control animals due to hepatocellular hyperplasia (increased number of liver cells which appear normal) as well as hypertrophy (increased cell size). Inhalation: In inhalation studies, laboratory rodents exposed to Octamethylcyclotetrasiloxane (300 ppm five days/week, 90 days) developed increased liver weights in female animals relative to unexposed control animals. When the exposure was stopped, liver weights returned to normal. Microscopic examination of the liver cells did not show any evidence of pathology. This response in rats, which does not affect the animal's health, is well-documented and widely recognized. It is related to an increase of liver enzymes that metabolize and eliminate a material from the body. The increased liver weight reverses even while the D4 exposure continues. The finding is not adverse, but is considered a natural adaptive change in rats, and does not represent a hazard to humans. Inhalation studies utilizing laboratory rabbits and guinea pigs showed no effects on liver weights. Inhalation exposures typical of industrial usage (5-10 ppm) showed no toxic effects in rodents. Range finding reproductive studies were conducted (whole body inhalation, 70 days prior to mating, through mating, gestation and lactation), with D4. Rats were exposed to 70 and 700 ppm. In the 700 ppm group, there was a statistically significant reduction in mean litter size and in implantation sites. No D4 related clinical signs were observed in the pups and no exposure related pathological findings were found. A two-year, combined chronic/carcinogenicity study, during which rats were exposed to D4 by inhalation, data showed a statistically significant increase in a benign uterine tumor in female rats exposed at the highest level--a level much higher than the low levels that consumers or workers may encounter. An expert panel of independent scientists who have reviewed the results of this research concur that the finding seen in the two-year study occurred through a biological pathway that is specific to the rat and is not relevant to humans. Therefore, this observed effect does not indicate a potential health hazard to humans. In developmental toxicity studies, rats and rabbits were exposed to D4 at concentrations up to 700 ppm and 500 ppm, respectively. No teratogenic effects (birth

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defects) were observed in either study.

SECTION 12: Ecological Information

Ecotoxicity

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 Carbonate	Fish LC50 Oncorhynchus mykiss: > 100 mg/L (96 hr)
	Aquatic Invertebrates EC50 Daphnia magna: > 100 mg/L (48 hr [mobility])
	Aquatic Plants EC50 Desmodemus subspicatus: > 14 mg/L (72 hr [growth rate and yield])
Stearic acid	Aquatic Invertebrates EC50 Daphnia magna: > 4.8 mg/L (48 hr [mobility; Read-across substance data])
	Aquatic Plants EC50 Raphidocelis subcapitata: > 0.9 mg/L (72 hr [growth rate (Water solubility 0.82 mg/L at 25 °C; Read-across substance)])
	Fish LC50 Danio rerio: >1000 mg/L (96 hr)
Octamethylcyclotetrasiloxane	Fish LC50 Oncorhynchus mykiss: > 0.022 mg/L (96 hr)
	Aquatic Invertebrates EC50 Daphnia magna: > 0.015 mg/L (48 hr [mobility])
	Aquatic Plants EC50 Raphidocelis subcapitata: > 0.022 mg/L (96 hr [growth rate])
Bis(ethyl acetoacetato-O1',O3)bis(propan-2-olato)titanium	Fish LC50 Pimephales promelas: 10,000 mg/L (96 hr)
	Aquatic Invertebrates EC50 Daphnia magna: > 100 mg/L (48 hr [mobility])
	Aquatic Plants EC50 Raphidocelis subcapitata: > 100 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
Stearic acid	Aquatic Invertebrates NOEC Daphnia magna: > 0.22 mg/L (21 d [reproduction; Read-across substance])
	Aquatic Plants NOEC Raphidocelis subcapitata: > 0.9 mg/L (72 hr [growth rate; Read-across substance])
Octamethylcyclotetrasiloxane	Fish NOEC Oncorhynchus mykiss: >= 0.0044 mg/L (93 d [embryo viability, hatching success, larval survival and growth])
	Aquatic Invertebrates NOEC Daphnia magna: >= 0.015 mg/L (21 d [growth and reproduction])

Persistence and Degradability

Product Data: No data available.

Substance Data:

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Name	Result
Calcium Carbonate	Persistence assessment based on biodegradability is not relevant for inorganic compounds such as this substance.
Stearic acid	The substance is readily biodegradable but failing 10-day window. 71% degradation in water, measured by CO ₂ evolution, after 28days.
Octamethylcyclotetrasiloxane	The substance is not readily biodegradable. 3.7% degradation in water, measured by CO ₂ evolution, after 29 days.
Bis(ethyl acetoacetato-O1',O3)bis(propan-2-olato)titanium	The substance is readily biodegradable in water. 66% biodegradation in water, measured by oxygen consumption, after 28 days.

Bioaccumulative Potential

Product Data: No data available.

Substance Data:

Name	Result
Calcium Carbonate	Bioaccumulation assessment using a classic BCF assessment is not considered relevant for inorganic compounds such as this substance.
Stearic acid	The substance has the potential to bioaccumulate (BCF= 238 - 288 L/kg, basis-whole body w.w., Read-across substance data).
Octamethylcyclotetrasiloxane	The substance has the potential to bioaccumulate significantly (BCF: 19,000 L/kg and log Pow:6.98 at 21.7 °C).
Bis(ethyl acetoacetato-O1',O3)bis(propan-2-olato)titanium	The substance is not expected to bioaccumulate (0.05 at 25 °C).

Mobility in Soil

Product Data: No data available.

Substance Data:

Name	Result
Calcium Carbonate	Mobility in soil assessment based on KOC/Kd values are not relevant for inorganic compounds such as this substance.
Stearic acid	The substance is hardly mobile, therefore, adsorption to soil is expected (log Koc: 4.71 at 25 °C, QSAR data).
Octamethylcyclotetrasiloxane	The substance is hardly mobile, therefore, there is a high potential for adsorption to soil and sediment (log Koc: 4.22).
Bis(ethyl acetoacetato-O1',O3)bis(propan-2-olato)titanium	The substance is highly mobile, therefore, adsorption to soil and sediment is not expected (Koc: 1.53 - 3.47 at 20 °C) [calculation].

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 Carbonate	PBT assessment does not apply to inorganic compounds such as this substance.
Stearic acid	The substance is not PBT.
Octamethylcyclotetrasiloxane	The substance is a PBT.

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Bis(ethyl acetoacetato-O1',O3)bis(propan-2-olato)titanium	The substance is not PBT.
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vPvB assessment:

Calcium Carbonate	vPvB assessment does not apply to inorganic compounds such as this substance.
Stearic acid	The substance is not vPvB.
Octamethylcyclotetrasiloxane	The substance is a vPvB.
Bis(ethyl acetoacetato-O1',O3)bis(propan-2-olato)titanium	The substance is not vPvB.

Other Adverse Effects: No additional information.

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.

Contaminated packaging:

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	NA1993
UN Proper Shipping Name	Combustible Liquid, N.O.S. (Methyltrimethoxysilane, Titanium bis(ethyl acetoacetato)-diisopropoxy)
UN Transport Hazard Class(es)	Combustible Liquid 
Packing Group	III
Environmental Hazards	None
Special Precautions for User	None
Reportable Quantity	>119 GALLONS
Additional Information	This product is Combustible as defined by the US Department of Transportation (DOT). It is regulated for transport in the US in container > 119 gallons. The product is not regulated for transport by the IATA, ADR/RID, ADNR or the IMDG regulations.

International Maritime Dangerous Goods (IMDG)

UN Number	Not regulated
UN Proper Shipping Name	Not regulated
UN Transport Hazard Class(es)	None
Packing Group	None

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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

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

Bulk Name	Not Applicable
Ship Type	Not Applicable
Pollution Category	Not Applicable

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):

471-34-1	Calcium Carbonate	Not Listed
57-11-4	Stearic acid	Not Listed
556-67-2	Octamethylcyclotetrasiloxane	Listed
14808-60-7	Silica, crystalline quartz (respirable)	Not Listed
27858-32-8	Bis(ethyl acetoacetato-O1',O3)bis(propan-2-olato)titanium	Not 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:

471-34-1	Calcium Carbonate	Listed
14808-60-7	Silica, crystalline quartz (respirable)	Listed

New Jersey Right to Know:

471-34-1	Calcium Carbonate	Listed
14808-60-7	Silica, crystalline quartz (respirable)	Listed

New York Right to Know: None of the ingredients are listed.

Pennsylvania Right to Know:

471-34-1	Calcium Carbonate	Listed
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14808-60-7	Silica, crystalline quartz (respirable)	Listed
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California Proposition 65:

⚠ WARNING: This product can expose you to Silica, crystalline quartz (respirable); which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov

Additional information: Certain constituents may be present at concentrations below ingredient disclosure thresholds. Such constituents, including methyltrimethoxysilane (CAS 1185-55-3), may be referenced in transportation descriptions and/or state regulatory inventories.

SECTION 16: Other Information

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. SECTION 2 Disclaimer (Workplace Hazard Classification): Hazard classifications presented in Section 2 are developed in accordance with applicable hazard communication regulations and are intended to communicate workplace health, physical, and environmental hazards associated with handling and use of the product. Transportation classifications presented in Section 14 are assigned in accordance with applicable dangerous goods transport regulations and are based on separate classification criteria. Consequently, hazard classifications shown in Section 2 may not directly correspond to transportation classifications shown in Section 14. 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. Transportation classifications are assigned to the product as supplied and are based on the properties of the finished formulation. The transport classifications of individual raw materials or ingredients do not necessarily apply to the finished product.

NFPA: 1-0-1

HMIS: 1*-0-1

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Revision Notes:

Revision Date	Notes
2018-11-07	
2020-11-16	Internal Review
2026-08-12	Internal Review

End of Safety Data Sheet