

**PRODUCT NAME(S): DuraTite® 1395 Tan**

**SECTION 1 – IDENTIFICATION**

**Supplier's Info:**  
**Rhino Linings Corporation**  
 9747 Businesspark Avenue  
 San Diego, CA, 92131

**Product name: DuraTite® 1395 Tan**  
**Product Category: Silicone Coating**  
**Recommended use: Architectural Coating and Waterproofing**

**Information phone: (858) 450 0441**  
**Emergency contact: CHEMTREC (800) 424 9300**

**SECTION 2 – HAZARD(S) IDENTIFICATION**

**OSHA Hazard Communication Standard:**

This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**GHS-Label Elements:**

**Signal Word:**  
 WARNING

**Pictogram(s):**



GHS 07

**Classification of the substance or mixture:**

Hazard Class	Category	Hazard Statement Codes	Hazard Statements
Skin corrosion / irritation	3	H315	Causes skin irritation
Eye Damage/Irritation	2B	H319	Causes eye irritation
Sensitization – Skin	2B	H317	May cause an allergic skin reaction

**Precautionary Statements:**

<b>Prevention:</b>	P201 P202 P210 P233 P260 P264 P272 P280	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces – No smoking. Keep container tightly closed. Do not breathe dust/fumes/gas/mist/vapours/spray. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.
<b>Response:</b>	P314 P321 P303+353+361  P333+313 P362 P305+338+351  P313+337 P370+P378	Get medical advice/attention if you feel unwell. Specific treatment (See section 8 on this label). If on skin (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. If in eyes: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If eye irritation persists: Get medical advice/attention. In case of fire: Use water fog, foam, dry chemical powder, carbon dioxide (CO2) for extinction.
<b>Storage:</b>	P403+405+235	Store in well-ventilated place. Keep cool. Store locked up.
<b>Disposal:</b>	P501	Dispose of contents/container in accordance with all local, regional, national, and international regulations.

**Additional Information:**

**Main symptoms:** Suspected of damaging fertility or the unborn child. May cause damage to organs (blood, Cardiovascular) through prolonged or repeated (oral) exposure. Skin irritation. May cause

redness and pain. May cause allergic skin reaction. Dermatitis. Rash. Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Hazards not otherwise specified:

Toxic to aquatic life with long lasting effects. 60-70% of the mixture consists of ingredients of unknown acute toxicity.

**SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS**

COMPONENTS	CAS #	CONCENTRATION %
Dimethyl siloxane, hydroxy-terminated	70131-67-8	50-85%
Butan-2-one O,O',O''-(methylsilyldiyl)trioxime	22984-54-9	2-7%
Aminopropyltriethoxysilane	919-30-2	0.5-2.0%
Octamethylcyclotetrasiloxane	556-67-2	0.5-2.0%

Occupational exposure limits, if available, are listed in Section 8.

**SECTION 4 – FIRST-AID MEASURES****Description of First Aid measures:**

**Ingestion:** If the exposed person is conscious, rinse mouth with water. Call physician if symptoms develop or persist.

**Inhalation:** Move victim to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.

**Skin:** Wash material off of the skin with plenty of soap and water for at least 15 minutes. Get medical attention if irritation develops and persists. In case of eczema or other skin disorders: Seek medical attention and bring along these instructions. Remove contaminated clothing and shoes immediately and wash them before reuse.

**Eye:** Rinse cautiously with water for several minutes, especially under the eyelids. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Do not rub eyes in order to prevent cornea injury. Get medical attention if irritation develops and persists.

**Most important symptoms/effects, acute and delayed:**

See Section 11.

**General advice for First Aid responders:**

No action should be taken involving any personal risk or without suitable training. If potential for exposure exist refer to Section 8 for specific personal protective equipment. Show this SDS to physician.

**Note to physician:** Antidote: Specific antidotes or neutralizers do not exist. Treatment should be supportive and based on the judgment of the physician in response to the reaction of the patient. Recommended medical monitoring for at least 24hours.

**SECTION 5 – FIRE-FIGHTING MEASURES**

**Suitable extinguishing media:** Water fog or fine spray, alcohol-resistant foam, dry chemical or carbon dioxide fire extinguishers.

**Unsuitable extinguishing media:** Direct water stream may cause frothing, splattering of burning material and spreading of fire.

**Specific hazards arising from the chemical:** Vapours may form explosive mixtures with air. Vapours may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed.

**Hazardous Combustion products:** May include but are not limited to: Oxides of carbon.

**Special Protective Equipment and Precautions for fire-fighters:** Wear NIOSH or OSHA approved self-contained breathing apparatus in positive pressure mode with full face piece and full protective gear. Isolate the scene by removing all persons from the incident area. No action should be taken involving any personal risk or without suitable training. Spilled product will cause very slippery walking surfaces.

**SECTION 6 – ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures:**

For non-emergency personnel: No action shall be taken involving any personal risk or without suitable training.

Keep unnecessary and unprotected personnel from entering. Eliminate all ignition sources (no smoking, flares, sparks, or flames in the immediate area). Ensure adequate ventilation/exhaust extraction. Avoid breathing vapors or mist during clean up. Use protective equipment as described in Section 8. Do not touch or walk through spilled material; spilled material may cause a slipping hazard.

**Environmental precautions:** Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. Inform the relevant authorities if the product has caused environmental pollution. Water polluting material. May be harmful to the environment if released in large quantities.

**Methods and materials for containment and cleaning up:** Remove mechanically; cover the remainder with non-combustible absorbent material (e.g. sawdust, sand, earth, vermiculite or diatomaceous earth). After approximately one hour, transfer into properly labeled chemical waste containers. Cover container, but do not seal, and remove from work area. Keep in a well ventilated area. Wash the spill site with soap and water.

For major spills: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or contain and collect with an absorbent material as described in the previous paragraph.

Residues from spill cleanup may continue to be regulated under provisions of RCRA and require storage and disposal as hazardous waste. For major spills, see Section 1 for the Emergency contact; for further disposal measures, see Section 13.

### SECTION 7 – HANDLING AND STORAGE

**Precautions for safe handling:** Avoid prolonged exposure to heat and air. Keep away from sources of ignition (heat, sparks and open flame) Prevent electrostatic charge build-up by bonding and grounding techniques. Use non –sparking tools and explosion proof equipment. Do not reseal if contamination is suspected. Use adequate ventilation to keep airborne levels below the exposure limits. Do not breathe vapors and mists. Wear respiratory protection if material is heated, mixed, sprayed or used in a confined space. Avoid contact with skin and eyes. Wear appropriate eye and skin protection. Wash hands thoroughly after handling. Hands and/or face should be washed before eating, drinking and smoking and at the end of the shift. Remove contaminated clothing and protective equipment before entering eating areas.

**Conditions for safe storage,** including any incompatibilities: Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Vapors may form explosive mixtures with air. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Protect it against physical damage and moisture. Normal temperature and pressures do not affect the material. Keep liquid away from heat, sparks and flame. Do not cut, drill, grind, weld or perform similar operations on or near containers. Use appropriate containment to avoid environmental contamination. Avoid strong oxidizing agents. Not compatible with water.

**Storage stability:** Stable under normal conditions.

**Storage temperature:** 60 - 90°F (16 – 32°C)

Employee education and training in the safe use and handling of this product are required under the OSHA Hazard Communication Standard 29 CFR 1910.1200. Employees and consumers should be warned of health risks associated with product use. See Section 8 for additional information on hygiene measures.

### SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

**Control Parameters/Occupational exposure limit values:** Not available for mixture. Results for components:

COMPONENTS	CAS #	OSHA PEL (mg/m <sup>3</sup> )	ACGIH (mg/m <sup>3</sup> )
Dimethyl siloxane, hydroxy-terminated	70131-67-8	NE	NE
Butan-2-one O,O',O''-(methylsilylydyne)trioxime	22984-54-9	NE	NE
Aminopropyltriethoxysilane	919-30-2	NE	NE
Octamethylcyclotetrasiloxane	556-67-2	NE	NE

**Appropriate engineering controls:** Good local and general explosion-proof ventilation should be sufficient to control worker exposure to airborne contaminants below recommended exposure limits. Local exhaust may be required in some areas.

**Personal protective equipment:**

**Eye/face protection:**

When directly handling liquid product, eye protection is required. Examples of eye protection include safety glasses and goggles or full face shield when there is a greater risk of splash. Contact lenses should not be worn when working with chemicals.

**Skin/body protection:**

Avoid contact with skin. Impervious gloves (nitrile butyl rubber, neoprene and PVC) should be worn always when working with this product. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact. Dispose



contaminated gloves after use in accordance with good laboratory practices. Body should be covered with appropriate clothing (apron, arm covers or full body suit) depending on the task being performed and the risks involved. Protective clothing should be selected and used in accordance with "Guidelines for the Selection of Chemical Protective Clothing" published by ACGIH. Wash contaminated clothing before reuse. Store work clothing separately. Appropriate footwear should be also selected based on the task being performed and the risks involved.

**Respiratory protection:**

Use local or general ventilation to control exposures below applicable exposure limits. When ventilation is inadequate, use either an atmosphere supplying respirator or NIOSH or OSHA approved air-purifying respirator for organic vapors. Respirator must be properly fitted and its selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. Do not smoke.

**Additional Protective Measures:** Educate and train employees in safe handling of this product. Follow all label instructions. As a general hygiene practice, wash hands and face after use. Emergency eyewash fountains and safety shower should be in close proximity as a matter of good practice.

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Viscous Tan Liquid
<b>Odor:</b>	Ammonia-like
<b>Odor threshold:</b>	Not available.
<b>pH:</b>	Not Available
<b>Melting point/ freezing point:</b>	Not Available
<b>Initial boiling point and boiling range:</b>	Not Available
<b>Flash point:</b>	>200°F (>93°C)
<b>Evaporation rate:</b>	Not Available
<b>Flammability (solid, gas):</b>	Not available
<b>Upper/ lower flammability or explosive limits:</b>	Not available
<b>Vapor pressure:</b>	Not available
<b>Vapor density:</b>	Not available
<b>Relative density:</b>	1.28 @ 25°C (77°F)
<b>Density (lb/gallon):</b>	10.5
<b>Solubility (water):</b>	Not soluble in water
<b>Partition coefficient n-octanol/water:</b>	Not available
<b>Auto-ignition temperature:</b>	Not available
<b>Decomposition temperature:</b>	Not available
<b>Viscosity:</b>	5,000 – 10,000 cPs @ 25°C (77°F)

\*Where data are not known for mixture, they are stated for components, if available.

**SECTION 10 – STABILITY AND REACTIVITY**

**Reactivity:**

Hazardous Polymerization: Product will not undergo hazardous polymerization.  
Corrosion to metals: Corrosive effects to metal are not anticipated.  
Oxidizing properties: Based on its structural properties the product is not classified as oxidizing.  
Formation of flammable gases: Does not form flammable gases in the presence of water.

**Chemical stability:** Stable under recommended storage conditions. Product is hygroscopic; contamination with moisture will negatively affect product performance. Avoid unintended contact with isocyanates; the reaction will generate heat.

**Conditions to avoid:** Unintentional contact with strong oxidizers and water.

**Incompatible materials:** Strong oxidizing agents.

**Hazardous decomposition products:** No hazardous decomposition products are known.

**SECTION 11 – TOXICOLOGICAL INFORMATION**

**Likely Routes of Exposure:** Ingestion, Skin and Eye Contact, Inhalation.

**Symptoms of exposure:**

**Acute toxicity:**

**Oral:** Single dose oral toxicity is low. Swallowing small amounts during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. Adverse symptoms may include stomach pain, nausea, vomiting, diarrhea and possible

Liver damage. This material can enter lungs during swallowing or vomiting and cause lung inflammation and/or damage.

**Dermal:** Exposure causes skin irritation. Prolonged or repeated exposure may dry the skin. Causes severe burns. Adverse symptoms may include pain or irritation, redness, blistering. Skin absorption is possible, but adverse effects from this route are not expected.

**Inhalation:** Short term inhalation toxicity is low. Breathing small amounts during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. May give off-gas, vapor or mist that is very irritating or corrosive to the respiratory system. Symptoms of exposure may include: Irritation (nose, throat and respiratory tract), metallic taste in mouth, impaired coordination, confusion, CNS depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, and unconsciousness).

**Serious eye damage / eye irritation:**

Causes eye irritation. Adverse symptoms may include pain, watering, redness.

**Aspiration hazard:**

Based on physical properties, not likely to be an aspiration hazard.

**Chronic toxicity:**

**Respiratory and Skin Sensitizer:**

This material is not known or reported to be a respiratory sensitizer. May cause an allergic skin reaction.

**Germ cell mutagenicity:**

Developmental risk to humans is not expected from exposure to this product. Not known or reported to be mutagenic. Mutagenic effect was not found in various tests with mammalian cell culture and mammals. The substance was not mutagenic in bacteria. No experimental evidence is available for mutagenicity in vitro (Ames test negative).

**Carcinogenicity:**

This product does not contain ingredients known or reported to be carcinogenic by any reference IARC, NTP, EPA, OSHA, ACGIH.

**Reproductive toxicity:**

Risk to humans is not expected from exposure to this product. Not known or reported to cause reproductive toxicity.

**Specific target organ toxicity, single exposure:**

Not expected.

**Specific target organ toxicity, repeated exposure:**

Not expected.

Carcinogenicity/Other  
Information:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.  
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.  
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.  
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**SECTION 12 – ECOLOGICAL INFORMATION**

**Do not discharge product into the environment.**

**Assessment of aquatic toxicity:** Not tested, Do not discharge product into the environment.

**Assessment of terrestrial toxicity:** Not tested.

**Persistence and degradability:** Not expected to be readily biodegradable by OECD criteria.

**Bioaccumulative potential:** No data available.

**Mobility in soil:** No data available.

**Other adverse effects:** No known significant effects or critical hazards.

**SECTION 13 – DISPOSAL CONSIDERATIONS**

**Product Disposal:** 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.

**Container disposal:** Even after emptying, container may retain residues. Empty containers should be completely drained 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.

<b>SECTION 14 – TRANSPORT INFORMATION</b>
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**GHS Classification:** **Skin Corrosion/Irritation, Category 3 -Warning! Causes skin irritation.**  
**Serious Eye Damage/Eye Irritation, Category 2B - Warning! Causes eye irritation.**  
**Sensitization – Skin, Category 2B – Warning! May cause an allergic skin reaction.**

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** **Not Regulated.**

**LAND TRANSPORT (Canadian TDG):**

**TDG Shipping Name:** **Not Regulated.**

**LAND TRANSPORT (European ADR/RID):**

**ADR/RID Shipping Name:** **Not dangerous goods.**

**MARINE TRANSPORT (IMDG/IMO):**

**IMDG/IMO Shipping Name:** **Not Regulated.**

**AIR TRANSPORT (ICAO/IATA):**

**ICAO/IATA Shipping Name:** **Not Regulated.**

<b>SECTION 15 – REGULATORY INFORMATION</b>
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EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S.301 (EHS)	S. 304 RQ	S. 313 (TRI)
70131-67-8	Dimethyl siloxane, hydroxy-terminated	No	No	No
22984-54-9	Butan-2-one O,O',O''-(methylsilylidyne)trioxime	No	No	No
919-30-2	Aminopropyltriethoxysilane	No	No	No
556-67-2	Octamethylcyclotetrasiloxane	No	No	No

CAS #	Hazardous Components	Other US EPA or State Lists
70131-67-8	Dimethyl siloxane, hydroxy-terminated	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 8D TERM; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No
22984-54-9	Butan-2-one O,O',O''-(methylsilylidyne)trioxime	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No
919-30-2	Aminopropyltriethoxysilane	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No

556-67-2	Octamethylcyclotetrasiloxane	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No
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CAS #	Hazardous Components	International Regulatory Lists
70131-67-8	Dimethyl siloxane, hydroxy-terminated	Canadian DSL: YES; Canadian NDSL: NO
22984-54-9	Butan-2-one O,O',O"- (methylsilyldiylne)trioxime	Canadian DSL: YES; Canadian NDSL: NO
919-30-2	Aminopropyltriethoxysilane	Canadian DSL: YES; Canadian NDSL: NO
556-67-2	Octamethylcyclotetrasiloxane	Canadian DSL: YES; Canadian NDSL: NO

**Other Regulatory Information:** This product contains no chemicals subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 40CFR part 372.

**European Union Regulations:** All ingredients of this product are listed or exempted. Symbol – none required.

**International Regulations/Inventories:**

Australia (AICS): All components are listed or exempted.

China (IECSC): All components are listed or exempted.

Japan: All components are listed or exempted.

Korea: All components are listed or exempted.

Malaysia (EHS Register): Not determined.

New Zealand (NZIoC): All components are listed or exempted.

Philippines (PICCS): All components are listed or exempted.

Brazil Regulations: Classification system Norma ABNT-NBR 14725-2:2012

**SECTION 16 – OTHER INFORMATION**

**NFPA rating:** Health: 1 Fire: 0 Reactivity: 0 Special: 0

**HMIS rating:** Health: 1 Flammability: 0 Physical hazard: 0

**Latest revision date:** March 5, 2016 – original

**Date of the previous revision:**

**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.

**LEGEND**

GHS	Globally harmonized System
CAS	Chemical Abstracts Services
EPA	Environmental Protection Agency
OSHA	Occupational Safety and Health Administration
ACGIH	American Conference of Governmental Industrial Hygienists
NIOSH	National Institute of Occupational Safety and Health
PEL	Permissible Exposure Limits
TLV	Threshold Limit Value
REL	Recommended Exposure Limit
TWA	Time-Weighted Average
STEL	Short-term exposure limit
OES	Occupational exposure standard
IARC	International Agency for Research on Cancer
NTP	National Toxicology Program
DOT	Department of Transportation
IMDG	International maritime dangerous goods code
IATA, ICAO	International Air Transport Association, International Civil Aviation Organization
EPCRA	Emergency Planning and Community Right-to-Know Act
SARA	State Authorization Reciprocity Agreements



**Rhino Linings®**

**SAFETY DATA SHEET**

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**Part No.: FFRC-WaterShed 1395 Tan**

**Date Released: April 5, 2016**

WHMIS Workplace Hazardous Materials Information System  
TDG Transport of Dangerous Goods  
HCS Hazard Communication Standard  
CEPA Center for European Policy Agreements  
EINECS European Inventory of Existing Commercial Chemical Substances