

PRODUCT NAME(S): WaterShed 1395B

SECTION 1 - IDENTIFICATION

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

WaterShed 1395B Product name: **Product Category:**

Silicone Coating, 1 component

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.

Signal Word: **GHS-Label Elements:** Pictogram(s):

WARNING



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	y Statements:	
Prevention:	P201	Obtain special instructions before use.
	P202	Do not handle until all safety precautions have been read and understood.
	P210	Keep away from heat/sparks/open flames/hot surfaces – No smoking.
	P233	Keep container tightly closed.
	P260	Do not breathe dust/fumes/gas/mist/vapours/spray.
	P264	Wash thoroughly after handling.

Contaminated work clothing should not be allowed out of the workplace. P272 P280 Wear protective gloves/protective clothing/eye protection/face protection.

P314 Get medical advice/attention if you feel unwell. Response: P321 Specific treatment (See section 8 on this label).

> P303+353+361 If on skin (or hair): Remove/Take off immediately all contaminated clothing. Rinse

skin with water/shower.

P333+313 If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. P362

P305+338+351 If in eyes: Rinse continuously with water for several minutes. Remove contact lenses if

present and easy to do - continue rinsing.

P313+337 If eye irritation persists: Get medical advice/attention.

P370+P378 In case of fire: Use water fog, foam, dry chemical powder, carbon dioxide (CO2) for

extinction.

Storage: P403+405+235 Store in well-ventilated place. Keep cool. Store locked up.

Dispose of contents/container in accordance with all local, regional, national, and Disposal: P501

international regulations.

Additional Information:

Part No.: FFRC-Watershed 1395B-P

Date Released: August 20, 2015

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"-(methylsilylidyne)trioxime	22984-54-9	2-7%	
Aminopropyltriethoxysilane	919-30-2	0.5-2.0%	
Octamethylcyclotetrasiloxane	556-67-2	0.5-2.0%	

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: Material may be ignited only if preheated to high temperatures (such in fire conditions). Fire in vicinity poses risk of pressure build-up and rupture. Containers at risk from fire should be cooled with water and, if possible, removed from the danger area. Hazardous Combustion products: Carbon dioxide, Carbon monoxide, nitrogen oxides, lower molecular weight organic molecules.

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. 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. See Section 12.

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: Protect chemical from atmospheric moisture. Avoid prolonged exposure to heat and air. Keep away from sources of ignition. 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. 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.

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: USA

COMPONENTS	CAS#	OSHA PEL (mg/m³)	ACGIH (mg/m³)
Dimethyl siloxane, hydroxy-terminated	70131-67-8	NE	NE
Butan-2-one O,O',O"-(methylsilylidyne)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 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.

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

Appearance:	Viscous White Liquid	
Odor:	Petroleum odor	
Odor threshold:	Not available.	
pH:	Not Available	
Melting point/ freezing point:	Not Available	
Initial boiling point and boiling range:	Not Available	
Flash point:	>140°F (>60°C)	
Evaporation rate:	Not Available	
Flammability (solid, gas):	Not available	
Upper/ lower flammability or explosive Not available		
limits:		
Vapor pressure:	Not available	
Vapor density: Not available		
Relative density:	1.23-1.28 @ 25°C (77°F)	
Density (lb/gallon):	10.0-10.5	
Solubility (water):	Not soluble in water	
Partition coefficient n-octanol/water:	er: Not available	
Auto-ignition temperature:	Not available	
Decomposition temperature:	Not available	
Viscosity:	500k – 1,000,000 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 moisture, excessive heat, open flame and sparks. Avoid mist formation.

Incompatible materials: Strong oxidizing agents.

Hazardous decomposition products: Depend upon temperature, air supply and presence of other materials. Can include, but are not limited to carbon dioxide, carbon monoxide, alcohols, ethers, ketones, hydrocarbons, polymer fragments.

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.

Part No.: FFRC-Watershed 1395B-P

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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:

Potential aspiration hazard if swallowed.

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.

SECTION 14 - TRANSPORT INFORMATION

GHS Classification: Aspiration Toxicity, category 1-Danger! May be fatal if swallowed and enters

airways

Physical hazard, Category 4-Warning! Combustible liquid

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.

SECTION 15 - REGULATORY INFORMATION

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

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"- (methylsilylidyne)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 40 CFR 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: 2 Reactivity: 0 Special: 0 HMIS rating: Health: 1 Flammability: 2 Physical hazard: 0

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
WHMIS Workplace Hazardous Materials Information System

TDG Transport of Dangerous Goods

Part No.: FFRC-Watershed 1395B-P

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HCS Hazard Communication Standard
CEPA Center for European Policy Agreements

EINECS European Inventory of Existing Commercial Chemical Substances

Latest revision date: August 20, 2015 - part number update

Date of the previous revision: July 13, 2015 - Preparation of SDS in accordance to the GHS requirements

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.