

Section 1:**PRODUCT AND COMPANY INFORMATION**

1.1 Product Name:	Obenauf's Water Shield
Product Code:	1503, 1604, 1507
Brand:	Water Shield
1.2 Identified Uses & Restrictions:	Fabric water shield, waterproofing
1.3 Supplier of Safety Data Sheet:	Obenauf's Inc.
Company Name and Address:	20688 Big Canyon Rd Peck ID 83545 USA
Telephone:	(208)486-6640
Fax:	(208)486-6115
1.4 Emergency Telephone Number:	(208)486-6640

Section 2:**HAZARD IDENTIFICATION**

Classification according to OSHA Hazard Communication Standard 29CFR 1910.1200.

2.1 Classification of Substance or Mixture2.2 GHS Label Elements

Signal Word:	WARNING!
Hazard Statements:	H361 Suspected of damaging fertility or the unborn child. Cat. 2 H413 May cause long lasting harmful effects to aquatic life. Category: Chronic 4, No acute toxicity H227 Combustible liquid. Category 4
Precautionary Statements:	P101 If medical advice needed, have container or label on hand P102 Keep out of reach of children
Prevention:	P261 Avoid breathing dust/fume/gas/vapors/spray P264 Wash hands thoroughly after handling P270 Do not eat, drink, or smoke when using this product P271 Use only outdoors or in a well ventilated area P273 Avoid release to the environment P281 Use personal protective equipment as required
Response:	P308+P313 If exposed or concerned: Get medical advice/attention P370+P378 In case of fire: Use dry chemical or water spray to extinguish
Storage:	P403 + P235 Store in well-ventilated place. Keep cool.
Disposal:	P501 Dispose of contents and containers in accordance with all local, regional, national and international regulations

Section 3:**COMPOSITION / INFORMATION ON INGREDIENTS**

3.2 Mixtures	International Chemical Safety Cards by CDC	
Octamethyl cyclotetrasiloxane (D4)	CAS No: 556-67-2	EINECS No: 0310* 209-136-7
	Less than 25%	
Water (H₂O)	CAS No: 7732-18-5	More than 75%

Section 4:**FIRST AID MEASURES**

4.1 General information:	Responders, use recommended protective clothing. See section 8 for specifics.
If Inhaled:	Move person to fresh air. If any symptoms, consult a physician.

In Case of Skin Contact:	No health effects expected. If irritation does occur flush with water for several minutes. If irritation persists, obtain medical advice.
In Case of Eye Contact:	Flush eyes with water for several minutes. If symptoms occur, seek medical advice.
If Swallowed:	Rinse out mouth, drink plenty of water. Do not induce vomiting. Call a physician and/or transport to emergency facility immediately
4.2 Symptoms and Effects:	Additional symptoms and effects described in Section 11: Toxicology Information
Risks:	Refer to section 2.2 "Hazard statements"
4.3 Medical Attention or Treatment Needed	Treat according to person's condition and specifics of exposure

Section 5:**FIREFIGHTING MEASURES**

5.1 Extinguishing Media:	On large fires use dry chemical, foam, or water spray. On small fires use carbon dioxide (CO ₂), dry chemical or water spray. Water can be used to cool fire exposed containers.
5.2 Unsuitable Extinguishing Media:	Direct stream from high volume water jet
5.3 Advice For Firefighters:	Wear self-contained breathing apparatus and protective clothing in fighting large chemical involved fires. Collect contaminated fire extinguishing water separately. Do not discharge into drains. Dispose of in accordance with local regulations.
5.4 Explosion Hazard:	None
Hazardous Combustion Products:	Carbon oxides, Silicon oxides

Section 6:**ACCIDENTAL RELEASE MEASURES**

6.1 Personal Precautions, Protective Equipment	Remove all sources of ignition. For personal protection see section 8.
6.2 Environmental Precautions:	Contain liquid and prevent from entering waterways Use inert absorbent material. Clean area as appropriate since spilled materials present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of used absorbent appropriately following local, state, and federal laws.
6.3 Methods and Materials for Containment and Cleaning Up:	
6.4 Reference to Other Sections:	For full disposal see section 13

Section 7:**HANDLING AND STORAGE**

7.1 Precautions for Safe Handling:	Use with adequate ventilation. Avoid breathing vapor, mist, dust, or fumes. Do not swallow. Avoid eye contact. Avoid prolonged or repeated contact with skin. Keep away from heat and sources of ignition.
7.2 Conditions for Safe Storage:	Prevent from freezing at temperatures between 40 - 110°F in a well-ventilated place
7.3 Incompatibles	Oxidizing agents, organic peroxides, pyrophoric liquids & solids, explosives, gases
Comments:	Read label before use. Keep out of reach of children.

Section 8:**EXPOSURE CONTROLS / PERSONAL PROTECTION**

8.1 Control Parameters	Octamethylcyclotetrasiloxane #556-67-2
Component Exposure Limits:	US WEELs TWA 10 ppm

Engineering Controls:	Use local exhaust ventilation
8.2 Exposure Controls	
Appropriate Engineering Controls:	General industrial hygiene practice
Personal Protective Equipment	Safety glasses for routine handling. Use full face respirator tested and approved under appropriate government standards such as OSHA or NIOSH (US) or EN 166 (EU) for large spills.
Eye / Face Protection:	
Skin Protection:	Gloves, non-slip boots. Wear body-covering clothing. Wash at mealtime & end of shift
Respiratory Protection:	For most conditions no respiratory protection should be needed. If spilled, use full face respirator, follow OSHA respirator regulations and use NIOSH/MSHA approved respirators. The following should be effective air-purifying respirators: Organic vapor cartridge with a particulate pre-filter.

Section 9:**PHYSICAL AND CHEMICAL PROPERTIES**

9.1 Information on Basic Physical and Chemical Properties

Appearance:	Form: Liquid	Color: White
Upper / Lower Flammability Limits:	Not determined	
Odor:	Odorless	
Vapor Pressure:	No data available	
Odor threshold:	Not determined	
Vapor Density:	No data available	
pH:	No data available	
Relative Density:	No data available	
Melting Point / Freezing Point:	Not determined	
Water Solubility:	Soluble	
Initial Boiling Point and Boiling Range:	No data available	
Flash Point:	>164 ⁰ F	
Evaporation Rate:	No data available	
Flammability (solid, gas):	Not applicable	
Partition Coefficient (n-octanol / water):	No data available	
Auto-ignition Temperature:	No data available	
Decomposition Temperature:	No data available	
Viscosity:	No data available	
Explosive Properties:	Not explosive	
Oxidizing Properties:	The substance or mixture is not classified as oxidizing	

Section 10:**STABILITY AND REACTIVITY**

10.1 Reactivity:	Not classified a reactivity hazard. See section 16 for HMIS rating
10.2 Chemical Stability:	Stable under normal conditions
10.3 Possibility of Hazardous Reactions:	Can react with strong oxidizing agents.
10.4 Conditions to Avoid:	Store away from oxidizing agents. Keep away from heat, sparks, flames, sunlight.
10.5 Incompatible Materials:	Strong acids and oxidizing material can cause a reaction
10.6 Hazardous Decomposition Products:	Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products: Carbon oxides, traces of incompletely burned carbon compounds, silicon dioxide, and formaldehyde.

10.7 Hazardous Polymerization: Will not occur

Section 11:

TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects	Mixture has not been tested as a whole
Results from a 2 year repeated vapor inhalation exposure study to rats of octamethylcyclotetrasiloxane (D4) indicate effects (benign uterine adenomas) in the uterus of female rats. This finding occurred at the highest exposure dose, 700 ppm, only.	
Studies to date have not demonstrated if these effects occur through pathways that are relevant to humans.	
Repeated exposure in rats to D4 resulted in protoporphyrin accumulation in the liver. Without knowledge of the	
Based on available information on its potential to cause harm to human health, Health Canada, has concluded that D4 is not entering the environment in a quantity or concentration or under conditions that constitute or may constitute a danger in Canada to human life or health.	
(https://www.canada.ca/en/environment-climate-change/services/canadian-environmental-protection-act-registry/publications/consultation-document-octamethylcyclotetrasiloxane/chapter-1.html)	
Oral Toxicity:	Very low toxicity if swallowed. Harmful effect not anticipated in small amounts.
Dermal Toxicity:	Prolonged skin contact is unlikely to result in absorption of harmful amounts
Inhalation Toxicity:	No adverse effects are anticipated from single exposure to mist. Excessive exposure may cause irritation to upper respiratory tract (nose and throat).
Skin Corrosion / Irritation:	Brief contact is essentially nonirritating to skin
Serious Eye Damage / Eye Irritation:	Essentially nonirritating to eyes
Respiratory or Skin Sensitization:	No relevant data found
Aspiration Hazard:	Aspiration into the lungs may occur during ingestion or vomiting, causing lung damage or even death due to chemical pneumonia.
Germ Cell Mutagenicity:	No data available
Carcinogenicity:	No. Relevance of animal study findings to humans is unknown.
IARC MONOGRAPHS:	No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC
International Agency for Research on Cancer	
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
National Toxicology Program	
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
Occupational Safety and Health Admin	
Reproductive Toxicity:	D4 CAS No 556-67-2 Vapor inhalation of 700 ppm Evidence of reproductive effects in laboratory animals
Specific Target Organ Toxicity-Single Exposure:	No data available
Specific Target Organ Toxicity-Repeated Exposure:	No data available

Section 12:

ECOLOGICAL INFORMATION

12.1 Toxicity	CAS #556-67-2	Not categorized as acute aquatic hazard by GHS criteria 4.1.2
Ecotoxicity:		GHS Category Chronic 4
Persistence and Degradability:		Substance #556-67-2 expected to biodegrade very slowly in the environment
Bio-accumulative Potential:		Bioconcentration potential is high
Mobility in Soil:		Expected to be relatively immobile in soil

Other Adverse Effects: No data available

Section 13:**DISPOSAL CONSIDERATIONS**

13.1 Waste Treatment Methods

Not a hazardous waste

Product Waste Treatment Methods:

Dispose of product in accordance with local and national regulations. Do not contaminate sewer, ponds, waterways or ditches with product or used container. Authorize before incineration. Empty containers should be recycled or otherwise disposed of by an approved waste management facility. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. Do not dispose of as unused product in accordance with local and national regulations. Do not dispose with household garbage. Send to licensed recycler, reclaimer, or incinerator.

Packaged Whole Product:

Section 14:**TRANSPORT INFORMATION**

DOT (US):

Not regulated

IMDG:

Not regulated

IATA:

Not regulated

TDG (Canada):

Not regulated

Section 15:**REGULATORY INFORMATION**

SARA 302 - 304 Components:
EPCRA Chemical Reporting

No component in this mixture subject to the reporting requirements of SARA title III, Section 302-304

SARA 313 Components:
Toxic Chemical Release Inventory

This mixture does not contain chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels as established by SARA Title III, Sec. 313

SARA 311 / 312 Hazards:
Hazardous Chemical Inventory

Acute: No

Chronic: Yes, reproductive toxicity

California Prop. 65 Components:

This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

Pennsylvania Right-To-Know Act:

Octamethylcyclotetrasiloxane CAS #556-67-2

Additional European Regulations:

No data available

Additional Asian Regulations

No data available

Section 16:**OTHER INFORMATION**

NFPA 704 Rating:

[0 = least hazardous] through [4 = most hazardous]

National Fire Protection Association

Health hazard: 0

Flammability Hazard: 1

Instability Hazard: 0

Special Hazard: 0

HMIS I & II Rating:

Health hazard: 2

Hazardous Material Information System

Chronic health hazard: 0

Flammability: 1

Reactivity hazard: 0

Personal Protection: C

Further Information:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Obenauf's shall not be held liable for any damage resulting from handling or from contact with the above product.

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