



**TURTLE WAX, INC.**  
**2250 W. Pinehurst Blvd., STE 150**  
**Addison, IL 60101**

## **SAFETY DATA SHEET**

### **1. Product and Company Identification**

#### **1.1 Product Identifier**

Product Name: Turtle Wax Hybrid Solutions Ceramic Wax Coating  
Product Code (SKU): 53409, 53416

#### **1.2 Relevant Identified Uses Of The Substance**

Product Use: Automotive Wax, Polish, Sealant & Glaze – Instant Detailer

#### **1.3 Details of the Supplier of the SDS**

Company Name: Turtle Wax, Inc.  
Street Address: 2250 W. Pinehurst Blvd., Suite 150  
City, State, Zip Code: Addison, IL 60101

#### **1.4 Emergency Telephone Numbers**

Phone Number: 1(630)455-3700  
Fax Number: 1(630)455-3868  
Transportation: 1(800)424-9300 (CHEMTREC)  
Medical Assistance: Call your local Poison Control Center

### **2. Hazard Identification:**

#### **2.1 Classification of the Substance or Mixture**

Hazard Classification: Flammable Liquid 4 (Combustible Liquid)  
Serious Eye Damage/Eye Irritation 2B

#### **2.2 Label Elements**

Pictogram: Not Required

Signal Word: Warning

Hazard Statement: Combustible Liquid. Causes Eye Irritation.

Precautionary Statement: Keep away from heat/sparks or open flames/hot surfaces – No smoking. Keep container tightly closed. Store in a cool well ventilated place. Wash hands thoroughly after handling. If in eyes, rinse thoroughly with water for 15 minutes. Remove contact lenses if present and easy to do so. Continue rinsing. If irritation persists, get medical attention. If on skin, remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

#### **2.3 Other Hazards**

Description of additional HNOC: None

### **3. Information on Ingredients:**

### 3.2 Mixture

| <b><u>Component</u></b> | <b><u>CAS Number</u></b> | <b><u>Concentration (wt%)</u></b> |
|-------------------------|--------------------------|-----------------------------------|
| Water                   | 7732-18-5                | >80%                              |
| Polydimethylsiloxane    | 63148-62-9               | 2.0 – 8.0%                        |
| Isopropyl Alcohol       | 67-63-0                  | 0.1 – 1.0%                        |

## 4. **First Aid Measures:**

### 4.1 Description of First Aid Measures

**Inhalation:** Remove to fresh air and promote deep breathing. Get medical attention if effects persist.

**Skin:** In case of skin contact, wash thoroughly with soap and water. If irritation persists, get medical attention.

**Eyes:** In case of eye contact, immediately flush eyes with plenty of water. Remove contact lenses if worn. If irritation persists, get medical attention

**Ingestion:** If swallowed, do not induce vomiting. Never give anything by mouth to an unconscious person. Give water to drink if conscious. Get medical attention if effects persist.

### 4.2 Most important symptoms and effects – acute and chronic

**Inhalation:** May cause respiratory tract irritation.

**Skin:** May cause skin irritation. May cause drying, cracking, or mild dermatitis.

**Eyes:** May cause temporary eye irritation.

**Ingestion:** May cause stomach distress, nausea, and vomiting.

### 4.3 Indication of any immediate medical attention and special treatment

Symptoms may not appear immediately. Seek medical attention if effects persist and you feel unwell.

## 5. **Fire Fighting Measures:**

### 5.1 Extinguishing media

Water spray, carbon dioxide, dry chemical, and alcohol foam

### 5.2 Special hazards arising from the substance or mixture

CO<sub>2</sub>, CO, and hydrocarbons

### 5.3 Advice for Fire Fighters

Keep up wind of fire. Wear full firefighting turn out gear (full bunker gear) and respiratory protection (SCBA). See Section 8 for personal protection.

## 6. **Accidental Release Measures:**

### 6.1 Personal precautions, protective equipment, and emergency procedures

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

## 6.2 Methods and materials for containment and clean up

**For containment:** Contain and absorb spill with inert material. Place in suitable container for disposal. Spilled material may be slippery.

**For clean up:** Take up material and place in a suitable container. Provide adequate ventilation. Spilled material may be slippery.

## 7. Handling and Storage

### 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Do not swallow. Do not eat, drink or smoke while handling. Wash hands with soap and water after handling. Launder all clothing and foot wear before re-use.

### 7.2 Conditions for safe storage including incompatibilities

Keep out of reach of children. Keep container tightly closed. Store in a well ventilated place. Do not store above 49°C (120°F).

### 7.3 Specific end uses

**Shelf Life:** Shelf life is considered to be 7 – 10 years when properly stored and kept closed.

## 8. Exposure Control/Personal Protection:

### 8.1 Control parameters

| <u>Exposure Limits</u> | <u>8 hr TWA:</u> | <u>(OSHA PEL)</u> | <u>(ACGIH TWA)</u> |
|------------------------|------------------|-------------------|--------------------|
| Polydimethylsiloxane   |                  | not available     | not available      |
| Isopropyl Alcohol      |                  | 400 ppm           | 200 ppm            |

### 8.2 Exposure controls

Use adequate ventilation to keep exposure below recommended limits. Ensure that eye wash station and safety shower are close to work station.

**Hand Protection Equipment:** Wear chemical resistant gloves and clothing to prevent skin contact.

**Eye Protection Equipment:** Wear safety glasses or splash goggles to prevent eye contact.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiration/Ventilation Protection Requirements:** Provide good ventilation.

**Ingestion Protection Requirements:** Do not eat, drink or smoke while handling. Wash hands with soap and water after handling. Launder all clothing and foot wear before re-use.

## 9. Physical And Chemical Properties:

### 9.1 Information of basic chemical and physical properties

|                        |               |
|------------------------|---------------|
| <b>Physical Form:</b>  | Thin liquid   |
| <b>Color:</b>          | Milky white   |
| <b>Odor:</b>           | Fruity        |
| <b>Odor Threshold:</b> | not available |

|   |  |
|---|--|
| <b>pH:</b>                                      | 4.0  |
| <b>Melting Point/Freeze Point:</b>              | 0°C (32°F) – Based on Water  |
| <b>Initial Boiling Point:</b>                   | 100°C (212°F) – Based on Water   |
| <b>Flash Point (Seta Closed Cup):</b>           | >93°C (200°F)  |
| <b>Flammability Limits:</b>                     | <b>Explosive Limits:</b> <b>Upper:</b> not available <b>Lower:</b> not available |
| <b>Evaporation Rate:</b>                        | not available  |
| <b>Flammability Solid/Gas:</b>                  | not applicable   |
| <b>Vapor Pressure:</b>                          | not available  |
| <b>Vapor Density:</b>                           | not available  |
| <b>Specific Gravity:</b>                        | 0.995  |
| <b>Solubility in Water:</b>                     | Dispersible  |
| <b>Auto Ignition Temperature:</b>               | not available  |
| <b>Partition coefficient (n/octonol/water):</b> | not available  |
| <b>Viscosity:</b>                               | very thin (water like)   |

## 9. 2 Other information

|                                   |       |
|-----------------------------------|-------|
| <b>%NVM by Weight:</b>            | 1.75% |
| <b>%VOC Content (California):</b> | 0.80% |

## 10. Stability and Reactivity:

### 10.1 Reactivity

Does not react under normal conditions

### 10.2 Chemical stability

Stable

### 10.3 Possibility of hazardous reactions

Does not react under normal conditions

### 10.4 Conditions to avoid

Heat and incompatible materials

### 10.5 Incompatible materials

Strong oxidizers such as bleach and peroxides

### 10.6 Hazardous decomposition products

CO<sub>2</sub>, CO and hydrocarbons

## 11. Toxicological Information:

### 11.1 Information on Toxicological Effects

#### Turtle Wax Hybrid Solutions Ceramic Wax Coating

|                       |                 |
|-----------------------|-----------------|
| LD50 – Oral Rat       | >2000 mg/Kg     |
| LD50 – Dermal Rabbit  | >2000 mg/Kg     |
| LC50 – Inhalation Rat | >20 mg/L (4 hr) |

#### Polydimethylsiloxane (63148-62-9)

|                 |             |
|-----------------|-------------|
| LD50 – Oral Rat | >5000 mg/Kg |
|-----------------|-------------|

#### Isopropyl Alcohol (67-63-0)

|                   |             |
|-------------------|-------------|
| LD50 – Oral Rat   | 4396 mg/Kg  |
| LD50 – Dermal Rat | 12800 mg/Kg |

LC50 – Inhalation Rat                      72.6 mg/L (4 hr)

|                                   |  |
|-----------------------------------|--|
| Skin corrosion/irritation         | Based on available data, classification data are not met |
| Serious eye damage/irritation     | Based on available data, classification data are not met |
| Respiratory or skin sensitization | Based on available data, classification data are not met |
| Germ cell mutagenicity            | Based on available data, classification data are not met |
| Carcinogenicity                   | Based on available data, classification data are not met |

Isopropyl Alcohol (67-63-0)                      IARC Group 3

|  |  |
|--|--|
| Reproductive toxicity                      | Based on available data, classification data are not met                   |
| Specific target organs – single exposure   | Based on available data, classification data are not met                   |
| Specific target organs – repeated exposure | Based on available data, classification data are not met                   |
| Aspiration hazard                          | Based on available data, classification data are not met                   |
| Symptoms/injuries after inhalation         | May cause respiratory tract irritation                                     |
| Symptoms/injuries after skin contact       | May cause skin irritation. May cause drying, cracking, or mild dermatitis. |
| Symptoms/injuries after eye contact        | May cause temporary eye irritation.  |
| Symptoms/injuries after ingestion          | May cause stomach distress, nausea, and vomiting.                          |

## **12. Ecological Information:**

### **12.1 Toxicity**

Not recommended for release into aquatic systems without treatment

### **12.2 Persistence and degradability**

Not established

### **12.3 Bioaccumulative potential**

Not established

### **12.4 Mobility in soil**

Not established

### **12.5 Other adverse effects**

None known

## **13. Disposal Considerations:**

### **13.1 Waste treatment methods**

|                               |  |
|-------------------------------|--|
| <b>RCRA Hazardous Waste:</b>  | Not regulated as a hazardous waste                                 |
| <b>Waste Disposal Method:</b> | Dispose of in accordance with local, state and federal regulations |
| <b>Waste Disposal Vessel:</b> | Plastic or metal drums.  |

## **14. Transportation Information:**

### **14.1 UN number**

None - Not regulated as a hazardous material

**14.2 UN Proper shipping name**

None

**14.3 Transport Hazard class**

Not applicable

**14.4 Packaging group**

Not applicable

**14.5 Marine Pollutant**

No

**14.6 Transportation in Bulk**

Not applicable

**14.7 Special precautions**

None

**15. Regulatory Information:****15.1 US Federal Regulations**

**TSCA Status:** All ingredients are commercially available and listed by the manufacturer under TSCA.

**15.2 Foreign Regulations**

**Canadian Status:** All materials contained in this product are listed on the Canadian Domestic Substance List (DSL). Consult Turtle Wax, Inc. regarding status of ingredients.

**European Union:** All materials contained in this product are listed on EINECS.

**AICS:** All materials are registered for AICS (Australia)

**15.3 State Regulations****State Regulatory Information:**

The following chemicals are specifically listed by individual states; other product specific health and safety data in other sections of the SDS may also be applicable for state requirements. For details on your regulatory requirements, contact the appropriate agency in your state.

**California Prop 65:****CAS Number****Concentration****State Code**

None

**Other State Reporting:****CAS Number****Concentration****State Code****15.4 HMIS & NFPA Classifications**

HMIS Classification:

Health

1

Flammability

1

|                      |              |   |
|----------------------|--------------|---|
|                      | Reactivity   | 0 |
| NFPA Classification: | Health       | 1 |
|                      | Flammability | 1 |
|                      | Reactivity   | 0 |

**16. Other Information:**

|                          |   |
|--------------------------|---|
| <b>Reason For Issue</b>  | New   |
| <b>Prepared By</b>       | Joseph Whitman                                    |
| <b>Preparer's Title</b>  | Senior Chemist/ Regulatory Specialist, R&D        |
| <b>SDS Administrator</b> | Jean Mayszak - Regulatory Compliance Manager, R&D |
| <b>Approval Date</b>     | July 9, 2019                                      |
| <b>Supersedes Date</b>   | N/A   |
| <b>Revision Number</b>   | A – 0   |

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