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 Express Shine Carnauba Spray Wax
Product Code (SKU):	T-136R (50142), T-136RC (50607)

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)

2.2 Label Elements

Pictogram:	not required
Signal Word:	Warning
Hazard Statement:	Combustible Liquid
Precautionary Statement:	Keep away from heat spark, open flame or hot surfaces. Wear protective gloves, clothing and eye protection to prevent contact. Store in a cool well ventilated place. Dispose of in accordance with Federal, State, and Local regulations.

2.3 Other Hazards

Description of additional HNOC:	none

3. Information on Ingredients:

3.1 Substance not applicable

3.2 Mixture

Component	CAS Number	Concentration (wt%)
Water	7732-18-5	>90%
Polydimethyl Siloxane	63148-62-9	1-5%
Isopropyl Alcohol	67-63-0	.05 – 1.5%

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 edical 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 unless directed to do so by medical personnel. 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 promptly 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_2, 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. Classified as a Combustible liquid – NFPA 30 (III-A).

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. Use personal protective equipment (PPE).

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. Keep from freezing and 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

Exposure Limits 8 hr TWA:	(OSHA PEL)	(ACGIH TWA)
Isopropyl Alcohol	980 mg/m^3	200 ppm
	400 ppm	400 ppm (STEL)
Polydimethyl Siloxane	not applicable	not applicable

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

Physical Form:	thin liquid
Color:	translucent/clear to hazy/white
Odor:	pine fragrance
Odor Threshold:	not available

pH:	5.0
Melting Point/Freeze Point:	0°C (32°F) – Based on Water
Initial Boiling Point:	100°C (212°F) – Based on Water
Flash Point (Seta Closed Cup):	>93°C (200°F)
Flammability Limits:	**Upper:** not available **Lower:** not available
Evaporation Rate:	not available
Flammability Solid/Gas:	not applicable
Vapor Pressure:	not available
Vapor Density:	not available
Specific Gravity:	0.995
Solubility in Water:	dispersible
Auto Ignition Temperature:	not available
Partition coefficient (n/octonol/water):	not available
Viscosity:	water thin

9. 2 Other information

% NVM by Weight:	2.0%
% VOC Content (California):	1.0%

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_2, CO and hydrocarbons

11. Toxicological Information:

11.1 Information on Toxicological effects

Turtle Wax Express Shine Carnauba Spray Wax

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

Isopropyl alcohol (67-63-0)

LD50 – Oral Rat	4396 mg/Kg
LD50 – Dermal Rabbit	12800 mg/Kg
LC50 – Inhalation Rat	72.6 mg/L(4hr)

Polydimethyl siloxane (63148-62-9)

LD50 – Oral Rat	>5000 mg/Kg

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

RCRA Hazardous Waste:	Not regulated as a hazardous waste
Waste Disposal Method:	Dispose of in accordance with local, state and federal regulations
Waste Disposal Vessel:	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		

15.4 HMIS & NFPA Classifications

HMIS Classification:	Health	1
	Flammability	1
	Reactivity	0
NFPA Classification:	Health	1
	Flammability	1

Reactivity	0

16. Other Information:

Reason For Issue	Address Update
Prepared By	James Heidel
Preparer's Title	Technical Director, R&D
Administrator	Jean Mayszak - Technical Compliance Manager, R&D
Approval Date	January 27, 2017
Supersedes Date	November 12, 2015
Revision Number	A – 6

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