



turtle wax, inc
625 Willowbrook Ctr Pkwy
Willowbrook, Illinois 60527

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME **TURTLE WAX ICE SYNTHETIC TIRE SHINE AEROSOL SPRAY**
PRODUCT CODE **T-460(C)**
CHEMICAL FAMILY **Tire Dressing**
CHEMICAL NAME **Mixture: Solvent, Silicone**
FORMULA **Mixture**

MANUFACTURER

Turtle Wax, Inc.
625 Willowbrook Centre Parkway
Willowbrook, IL 60527
Phone: 630-455-3700
Fax: 630-455-3868

EMERGENCY TELEPHONE NUMBERS

Transportation:
CHEMTREC: 800-424-9300
Medical:
Contact your local Poison Control Center

2. POSITION/INFORMATION ON INGREDIENTS

COMPONENT	CAS NUMBER	CONCENTRATION (wt %)
1,1 Difluoroethane (HFC-152A)	75-37-6	7-10%
Propane (Liquified Petroleum Gas)	74-98-6	7-10%
Petroleum Distillates (Hydro-treated Light Distillate Solvent)	64742-47-8	30-40%

EXPOSURE LIMITS 8 hrs. TWA (ppm)

	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>CARCINOGEN</u> (OSHA,NPT,IARC)
1,1 Difluoroethane (HFC-152A)	1000ppm	1000ppm	No
Propane (Liquified Petroleum Gas)	1000ppm	1000ppm	No
Petroleum Distillates (Hydro-treated Light Distillate Solvent)	100ppm	100ppm	No

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

INHALATION: Repeated or excessive inhalation of vapor can cause irritation, dizziness, and nausea. Intentional misuse by deliberately concentrating and inhaling vapors, may be harmful or fatal. No chronic effects known.

INGESTION: Can cause digestive system upsets and nausea. Avoid sucking into lungs. No chronic effects known.

SKIN CONTACT: Can cause irritation. No chronic effects known.

EYE CONTACT: Flush with water for 15 minutes. Get medical attention if effects persist.

4. **FIRST AID MEASURES**

EYE: Flush with water for 15 minutes. Get medical attention if effects persist.

SKIN: Remove contaminated clothing. Wash effected areas thoroughly with soap and water. Launder clothing before re-use.

INHALATION: Remove to fresh air. Use artificial respiration and oxygen if needed.

INGESTION: Rinse mouth. Never give anything orally to someone who is unconscious. Give several large glasses of water to drink. Do not induce vomiting. If liquid is sucked into lungs, get prompt medical attention.

5. **FIRE FIGHTING MEASURES**

FLASH POINT: Sprayed vapors can be ignited with a flame. Flame length 14 – 16 inches or less with no flash back to nozzle by CPSC test [16 CFR 1500.3(b)(6)(viii)] is rated non-flammable.

NFPA 30B: Aerosol Level 3

EXTINGUISHING MEDIA: Water Spray, Alcohol Foam, Carbon Dioxide, Dry Chemical

SPECIAL FIRE FIGHTING PROCEDURES: Aerosol cans, under pressure, can explode when heated above 140°F (60°C) and become projectiles. Treat contents as flammable liquid/explosive vapor fire. Keep unignited containers cool with water. Vapors, that are heavier than air, can collect in low areas and may travel to distant source of ignition and flashback. Avoid flow of material to sewers. See Sec. 8 for personal protection.

6. **ACCIDENTAL RELEASE MEASURES**

SPILL OR LEAK PROCEDURES: Remove all ignition sources. Provide good ventilation. Take up spills and put into closed containers. Avoid flow to sewers. Floors may be slippery. See Section 8 for other protective measures.

7. **HANDLING AND STORAGE**

STORAGE TEMPERATURE (MIN./MAX.): 32° F (0° C)/120° F (49° C)

SHELF LIFE: 7 years minimum when the original container is kept tightly closed and properly stored.

SPECIAL SENSITIVITY: None.

HANDLING AND STORAGE PRECAUTIONS: Store in cool and ventilated places, but avoid freezing. Do not store above 120°F (49°C).

8. **EXPOSURE CONTROLS/PERSONAL PROTECTION**

EYE PROTECTION REQUIREMENTS: Wear goggles. Have convenient eye wash stations.

SKIN PROTECTION REQUIREMENTS: Wear chemical resistant gloves and other clothing as needed to prevent exposure.

RESPIRATOR/VENTILATION REQUIREMENTS: Provide sufficient ventilation to avoid exposure levels above the established TLV.

EXPOSURE LIMITS: Not established for product as whole.

9. **PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL FORM: Pressurized container

COLOR: Clear liquid dispensed as a fan spray

ODOR: typical – Tropical Fruity

BOILING POINT: n/av

MELT / FREEZE POINT: n/av

PH: n/ap

SOLUBILITY IN WATER: Insoluable

SPECIFIC GRAVITY: 0.833

% NON-VOLATILE BY WEIGHT: 27.0%

VAPOR PRESSURE: 80 PSIG @ 70°F

VAPOR DENSITY: n/av

10. **REACTIVITY**

STABILITY: Stable

HAZARDOUS POLYMERIZATION: .Does not occur

INCOMPATIBILITIES: DECOMPOSITION PRODUCTS: When burned: CO, CO₂, Hydrocarbons

11. **TOXICOLOGICAL INFORMATION**

ACUTE INHALATION: Can cause irritation, dizziness, and nausea

CHRONIC INHALATION: None known

ACUTE SKIN CONTACT: Can cause irritation, de-fatting, or dermatitis

CHRONIC SKIN CONTACT: None known

ACUTE EYE CONTACT: Causes irritation

12. **ECOLOGICAL INFORMATION**

No data available.

13. **DISPOSAL CONSIDERATIONS**

RCRA Hazardous Waste: Is not a RCRA hazardous waste.

WASTE DISPOSAL METHOD: Dispose of product in accordance with all local, state and federal laws and regulations.

14. **TRANSPORT INFORMATION**

DOT INFORMATION: ORM-D

PROPER SHIPPING NAME: Consumer Commodity

TECHNICAL SHIPPING NAME: Aerosols (Flammable)

HAZARD CLASS: 2.1 (Flammable Gas)

UN NUMBER: 1950

PRODUCT RQ (lbs):

LABEL:

Non Bulk	ORM-D
Bulk	Flammable Gas

PLACARD:

Non Bulk	None
Bulk	Flammable Gas

FREIGHT CLASS BULK: n/av

FREIGHT CLASS PACKAGE: n/av

PRODUCT LABEL None

15. **REGULATORY INFORMATION**

TSCA STATUS: All ingredients are listed under TSCA.

CERCLA REPORTABLE QUANTITY: None

SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES None

SECTION 311/312 HAZARD CATEGORIES

Acute Health Yes

Chronic Health No

Fire No

Reactive No

Sudden Release of Pressure Yes

SECTION 313

<u>CHEMICAL NAME</u>	<u>CAS NUMBER</u>	<u>CONCENTRATION</u>
None		

RCRA STATUS: If discarded in its purchased form, this product would be an ignitable waste with an EPA Hazardous Waste Number of D001. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product should be classified as a hazardous waste. (40CFR261.20-24)

CANADIAN STATUS: All materials contained in this product are listed on the Canadian Domestic Substances List.

EUROPEAN UNION: All materials contained in this product are listed on EINECS.

STATE REGULATORY INFORMATION

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

COMPONENT/

CAS NUMBER

None

CONCENTRATION

STATE CODE

CA = Material known to the state of California to cause cancer and/or birth defects. (California Proposition 65).

16. **OTHER INFORMATION**

HMIS CLASSIFICATION

Health 1

Flammability 4

Reactivity 0

PPI B

NFPA RATING

Health 1

Fire 4

Reactivity 0

Special None

REASON FOR ISSUE

New SKU Launch – Typo Error

PREPARED BY

James P. Heidel

TITLE

Technical Director, R&D

APPROVAL DATE

October 11, 2010

SUPERCEDES DATE

New

REVISION NUMBER

A - 1

This information is to the best of Turtle Wax, Inc.'s knowledge and belief, accurate and reliable. However, no representation, warranty, or guarantee is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.