



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

# Material Safety Data Sheet

## 1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME      **TURTLE WAX F-21 TIRE FOAM 'N' SHINE,**  
PRODUCT CODE      **T-049R(C)**  
CHEMICAL FAMILY    Vinyl and Rubber Protectant  
CHEMICAL NAME      Mixture: Water, silicone, additives  
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

<b>COMPONENT</b>	<b>CAS NUMBER</b>	<b>CONCENTRATION (wt %)</b>
Isobutane (Liquified Petroleum Gas)	75-28-5	6-9%
Propane (Liquified Petroleum Gas)	74-98-6	1-3%

### **EXPOSURE LIMITS 8 hrs. TWA(ppm)**

	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>CARCINOGEN</u> (OSHA,NPT,IARC)
Isobutane (Liquified Petroleum Gas)	1000ppm	1000ppm	No
Propane (Liquified Petroleum Gas)	1000ppm	1000ppm	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:** Repeated or excessive contact can cause moderate irritation, de-fatting or dermatitis. No chronic effects known.

**EYE CONTACT:** Can cause irritation. No chronic effects known.

#### 4. **FIRST AID MEASURES**

**EYE:** Flush with water for 15 minutes. Get prompt 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. If liquid is sucked into lungs, get prompt medical attention.

#### 5. **FIRE FIGHTING MEASURES**

**FLASH POINT:** (Cl. Cup):  
Explosive Limits: Lower: n/av Upper: n/av

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 1

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

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

#### 6. **ACCIDENTIAL RELEASE MEASURES**

**SPILL OR LEAK PROCEDURES:** Remove all ignition sources, and use spark proof equipment. Provide good ventilation. Take up spills with absorbent or by pumping 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 PROTECTION REQUIREMENTS:** Provide sufficient ventilation to avoid exposure levels above the established TLV.

**INGESTION PROTECTION REQUIREMENTS:** Avoid swallowing or sucking into lungs.

**EXPOSURE LIMITS:** Not established for product as whole.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**PHYSICAL FORM:** Opaque Thin Liquid

**COLOR:** White to Pale Yellow

**ODOR:** Slight Ammonia

**BOILING POINT:** n/av

**MELT / FREEZE POINT** n/av

**PH:** 9.60

**SOLUBILITY IN WATER:** Dispersible

**SPECIFIC GRAVITY:** 0.966

**% NON-VOLATILE BY WEIGHT:** 16.5%

**VAPOR PRESSURE:** 60 PSIG @ 70°F

**VAPOR DENSITY:** n/av

**10. REACTIVITY**

**STABILITY:** Stable

**HAZARDOUS POLYMERIZATION:** Does not occur.

**INCOMPATIBILITIES:** Strong oxidizers such as peroxides.

**DECOMPOSITION PRODUCTS:** When burned: CO<sub>2</sub>, CO, 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:** Can cause irritation, de-fatting, or dermatitis.

**ACUTE EYE CONTACT:** None known.

**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:** Aerosol (Non-Flammable)  
**HAZARD CLASS:** 2.2 Non Flammable Gas  
**UN NUMBER:** None (Canada) 1950  
**PRODUCT RQ (lbs):** n/ap  
**LABEL:** Non Bulk ORM-D  
Bulk n/ap  
**PLACARD:** Non Bulk None  
Bulk None  
**FREIGHT CLASS BULK:** n/ap  
**FREIGHT CLASS PACKAGE:** ORM-D  
**PRODUCT LABEL** None

15. **REGULATORY INFORMATION**

**TSCA STATUS:** All ingredients are commercially available and listed by manufacturer. 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**

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

**CANADIAN STATUS:** All materials contained in this product are listed on the Canadian Domestic Substances List. Consult Turtle Wax, Inc. regarding status of ingredients.

**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**

### **CONCENTRATION**

### **STATE CODE**

None

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 1

Reactivity 0

PPI A

### **NFPA RATING**

Health 1

Fire 1

Reactivity 0

Special None

### **REASON FOR ISSUE**

Revised for ANSI format.

### **PREPARED BY**

James P. Heidel

### **TITLE**

Technical Director, R&D

### **APPROVAL DATE**

September 10, 2007

### **SUPERCEDES DATE**

October 28, 2004

### **REVISION NUMBER**

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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.