

MATERIAL SAFETY DATA SHEET



ALL TIRES

MSDS No. G1311

Revision 09/19/2007

NA / EN

1. IDENTIFICATION of the SUBSTANCE and COMPANY

Trade Name	ALL TIRES
Chemical Name	Rubber Tires
CAS No.	Not Applicable - Article
Company Identification	The Goodyear Tire & Rubber Company Akron, Ohio 44316-0001 U.S.A. Goodyear Canada, Inc., 450 Kipling Ave., Etobicoke, Ontario M8Z 5E1 Canada
Emergency Phone Number	Chemical Transportation Emergency Assistance Chemtrec (USA) 800-424-9300 Canutec (Canada) 613-996-6666 Goodyear / 24 hour Assistance 330-796-5111
MSDS Information	Technical Assistance 330-796-1906 ISSUED BY - Global Chemical Material Management - Akron, Ohio 44316-0001

2. HAZARDS IDENTIFICATION

Emergency Overview

An average passenger tire weighs approximately 25 pounds. Truck and aircraft tires can weigh several hundred pounds. If the tire is dropped and it hits a person, it may cause a bruise or skin abrasion.

APPEARANCE Circular solid with center hole

ODOR Rubber

Potential Health Effects

--- PRIMARY ROUTES OF ENTRY ---

None known; none expected

--- SHORT-TERM EXPOSURE ---

None known, none expected.

--- LONG-TERM EXPOSURE ---

None known; none expected

USA/Canada This material is considered an "article" under the OSHA Hazard Communication Standard 29CFR, Part 1910.1200 and the WHMIS Canadian legislation and is therefore, non-hazardous.

3. COMPOSITION / INFORMATION on the COMPONENTS

Non-hazardous information

CAS No. & CHEMICAL	Percentage by wt.	CAS-No
Not Applicable: Article	0	CNV117

4. FIRST AID MEASURES

No procedures are expected to be required.

5. FIRE-FIGHTING MEASURES

--- FLASH POINT and METHOD ---

Not established for product

--- FLAMMABLE LIMITS ---

LEL Not established for product

UEL Not established for product

AUTO-IGNITION TEMP

Tires will ignite between 550 & 650°F / 288 - 343°C

--- EXTINGUISHING MEDIA ---

Water, foam, CO₂, dry chemical, sand

--- SPECIAL FIRE-FIGHTING PROCEDURES ---

During emergency conditions, overexposure to thermal decomposition products may cause a health hazard. An approved, self-contained breathing apparatus with full face piece should be worn.

--- UNUSUAL FIRE AND EXPLOSION HAZARD ---

Rubber burns with intense heat and produces dense smoke. During an uncontrolled fire, incomplete combustion occurs which releases oil, soot (carbon black) and a wide range of hydrocarbon pyrolysis products.

NFPA Rating Health 0 Fire 0 Reactivity 0

Hazard Rating: 0=Insignificant, 1=Slight, 2=Moderate, 3=High, 4=Extreme

6. ACCIDENTAL RELEASE MEASURES

---AFTER SPILLAGE/LEAKAGE --- (methods for cleaning up)

No procedures are expected to be required for this material.

7. HANDLING and STORAGE

--- HANDLING ---

Wash hands and arms after handling and before eating, drinking or smoking.

7. HANDLING and STORAGE

--- STORAGE ---

Store in accordance with NFPA guidelines 231(D). Prevent smoking in storage areas. Store scrap tires in rows with maximum dimensions of 100"X 50"X 20" with at least 20" between piles. Large scrap tire piles should not be stored closer than 200" from buildings. Weeds, debris, etc., should not be closer than 50' of the pile. Piles should be covered to prevent water from accumulating in the tires.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

--- VENTILATION PROTECTION ---

If heated, chopped, cut, buffed, drilled, ground or abrasively cut, provide enough fresh air flowing past the user to remove smoke and/or fume from the work area. Observe the Occupational Exposure Limit of 3 mg/m³ (Threshold Limit Value- 8 hour time-weighted average) for insoluble respirable particulates, not otherwise classified (fumes).

--- RESPIRATION PROTECTION ---

Under normal conditions of use, respiratory protection should not be required.

--- EYE PROTECTION ---

If cut, sawed, buffed or ground, wear Safety glasses

9. PHYSICAL and CHEMICAL PROPERTIES

APPEARANCE	Circular solid with center hole
ODOR	Rubber
--- FLASH POINT and METHOD ---	Not established for product
AUTO-IGNITION TEMP	Tires will ignite between 550 & 650°F / 288 - 343°C
--- FLAMMABLE LIMITS ---	LEL Not established for product UEL Not established for product
SOLUBILITY IN WATER	Insoluble

10. STABILITY and REACTIVITY

--- CONDITIONS TO AVOID ---

None known; none expected

--- MATERIALS TO AVOID ---

Strong acids

--- HAZARDOUS DECOMPOSITION PRODUCTS ---

CO, CO₂, H₂S, H₂ trace butadiene, pentadiene, benzene, toluene xylene, carbon, ash: (ZnO, TiO₂, SiO₂, CaO, Mg) oxides of sulfur and nitrogen

--- SPECIAL SENSITIVITY ---

Ozone

11. TOXICOLOGY INFORMATION

ORAL LD50	Not established for product
DERMAL LD50	Not established for product
INHALATION LC50	Not established for product

12. ECOLOGICAL INFORMATION**--- OTHER ---**

This product has not been tested for ecological (physical and/or biological) hazards or the data is not available or not known.

13. DISPOSAL CONSIDERATIONS**--- DISPOSAL ---**

Recycle or landfill in accordance with applicable environmental control regulations. If landfilling it is recommended that the tires be split circumferentially.

14. TRANSPORTATION INFORMATION**--- FREIGHT DESCRIPTION ---**

Tires, Rubber, Pneu, NOI

STCC Number: 3011110AA

15. REGULATORY INFORMATION**USA/Canada**

This material is considered an "article" under the OSHA Hazard Communication Standard 29CFR, Part 1910.1200 and the WHMIS Canadian legislation and is therefore, non-hazardous.

Canada**--- WHMIS CLASSIFICATION ---**

None

USA**--- SARA 311/312 CLASSIFICATION ---**

None

16. OTHER INFORMATION / ADDITIONAL COMMENTS**Additional Comments:**

Due to the inherent design of a tire which creates sheltered areas for fire to continue to grow, normal direct attack on a large tire pile with water hoses is often not successful. Fires in large tire piles stored outside without an automatic suppression system are fought most successfully by excluding oxygen by the application of foam or covering the tire pile with inert materials such as earth.

Revision

09/19/2007

The following Sections have been revised since the last issue of this Material Safety Data Sheet:

- Section 2
- Section 3
- Section 7
- Section 8
- Section 9
- Section 15

Goodyear believes that the information herein is correct at the date that this Material Safety Data Sheet was prepared. The data may not be exhaustive and should only be used as a guide to determine the best conditions for the safe use of the product. Goodyear is not responsible for any injury or liability resulting from misuse of this product.

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