

## SAFETY DATA SHEET

**Section 1: Product and Company Identification**

**Product Name:** TYRE MARQUE®  
**Product Code:** 51420 White, 51421 Yellow, 51422 Red, 51425 Blue  
**Product Use:** For marking on rubber  
**Manufacturer:** LA-CO Industries, Inc.  
 1201 Pratt Boulevard  
 Elk Grove Village, IL.  
 60007-5746  
 E-mail Contact: customer\_service@laco.com  
**Phone Number:** (847) 956-7600  
**Fax:** (847) 956-9885  
**24-hour Emergency:** CHEMTREC: (800) 424-9300

**Section 2: Hazards Identification**

Protective Clothing	NFPA Rating (USA)	EU Classification	WHMIS (Canada)	Transport
Not Required for Normal Use		Not Classified as Dangerous	Not Controlled	Not Regulated

**Emergency Overview:** Exposure to hazardous substances is not expected when handling this product for its intended use.

**Appearance, Color and Odor:** Wax crayon, color specified on label, wax-like odor.

USA: This product is not a hazardous material as defined by 29 CFR1910.1200, OSHA Hazard Communication Standard. This product meets the definition of an "article".

Canada: This is not a controlled product under WHMIS. This product meets the definition of a "manufactured article" and is not subject to the regulations of the Hazardous Products Act.

European Union (EU): This product is not classified as dangerous according to Directive 1999/45/EC and its amendments.

**Potential Health Effects**

**Relevant Route(s) of Exposure:** Skin contact.

**Inhalation:** Exposure to hazardous substances by inhalation is not expected with normal use. High temperatures may generate vapors which may irritate the nose, throat and respiratory tract.

**Ingestion:** Not an expected route of occupational exposure. Acute oral toxicity of the component substances is low.

**Skin:** Normal use of products will not result in harmful effects.

**Eye:** Not an expected route of occupational exposure.

**CHRONIC (long term):**  
 Long-term health effects are not expected with normal use of the products.

**Medical Conditions Aggravated by Exposure:** Preexisting skin disorders may be aggravated by repeated exposure to the product.

**Interactions With Other Chemicals:** Not available

**Potential Environmental Effects:** Not available

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### Section 3: Composition / Information on Ingredients

Chemical Name	CAS No.	Wt. %	EINECS / ELINCS	Symbol	Risk Phrases
Product is a non-hazardous mixture of waxes, mineral oil and mineral components. No hazardous/dangerous ingredients by OSHA, WHMIS and EU criteria					

### Section 4: First Aid Measures

- Inhalation:** If symptoms are experienced remove source of contamination or move victim to fresh air and obtain medical advice.
- Eye Contact:** No effects expected. If irritation occurs, flush contaminated eye(s) with lukewarm, gently flowing water for 5 minutes. If irritation persists, obtain medical advice.
- Skin Contact:** No health effects expected. If irritation does occur, obtain medical advice.
- Ingestion:** If irritation or discomfort occurs, obtain medical advice immediately.

### Section 5: Fire Fighting Measures

- Flammable Properties:** Product will burn if involved in a fire.
- Suitable extinguishing Media:** For small fires, use water spray, dry chemical, carbon dioxide or foam. For large fires, use carbon dioxide, dry chemical powder, or foam. Use water spray to cool fire-exposed containers.
- Unsuitable extinguishing Media:** Not available. Do not use water jet on hot, molten liquid.
- Explosion Data**
- Sensitivity to Mechanical Impact:** Not applicable
- Sensitivity to Static Discharge:** Not applicable
- Specific Hazards arising from the Chemical:** Combustion may produce toxic and irritating fumes and gases. Hot, molten product may cause severe thermal burns.
- Protective Equipment and precautions for firefighters:** Self-contained breathing apparatus and protective clothing should be worn. Remove all unprotected personnel.
- NFPA**
- |                      |   |
|----------------------|---|
| <b>Health:</b>       | 0 |
| <b>Flammability:</b> | 1 |
| <b>Instability:</b>  | 0 |

### Section 6: Accidental Release Measures

- Personal Precautions:** No special requirements.
- Environmental Precautions:** Prevent the product from entering sewers or waterways.
- Methods for Containment:** No special methods required.
- Methods for Clean-up:** Clean up spills immediately. Dispose of any contaminated, unusable product as described in Section 13 of this Safety Data Sheet.

### Section 7: Handling and Storage

- Handling:** Avoid contact with skin and eyes. Do not use near sources of extreme heat. Keep out of the reach of children.
- Storage:** Store in a cool, dry area, out of direct sunlight and away from heat, flames and ignition sources. Keep products closed when not in use.

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### Section 8: Exposure Controls/Personal Protection

**Exposure Guidelines**

Consult local authorities for acceptable exposure limits.

Measurable airborne concentrations of the component substances, listed in Section 3, are not expected when the products are used for their intended purpose.

<u>Ingredient</u>	<u>ACGIH TLV</u> <u>(8-hr. TWA)</u> mg/m <sup>3</sup>	<u>U.S. OSHA PEL</u> <u>(8-hr. TWA)</u> mg/m <sup>3</sup>	<u>Ontario (Canada)</u> <u>TWAEV</u> mg/m <sup>3</sup>	<u>UK OEL</u> <u>(8-hr. TWA)</u> mg/m <sup>3</sup>
Paraffin wax	2 (fume)	2 (fume)	2 (fume)	2 (fume) 6 (fume) STEL

**Exposure Controls**

**Engineering Controls:** Not required for its intended use. If product is overheated, provide adequate ventilation to keep vapor concentrations below the exposure limits listed above.

**Personal Protection:**

**Eye/Face Protection:** Not required for normal use.

**Skin Protection:** Not required for normal use.

**Respiratory Protection:** Not required for normal use

**General Hygiene Measures:** Do not ingest. Avoid contact with skin and eyes. Keep out of reach of children. Wash hands after handling.

### Section 9: Physical and Chemical Properties

<b>Physical State:</b>	Solid	<b>Flash Point &amp; method:</b>	200°C (392°F) approximate
<b>Appearance, Color and Odor:</b>	Crayon; white, yellow, red or blue; wax-like odor.	<b>Autoignition Temperature:</b>	240°C (464°F) approximate
<b>Odor Threshold:</b>	Not available	<b>Flammability Limits in Air:</b>	Not available
<b>pH:</b>	Not applicable	<b>Vapor Pressure:</b>	Not applicable
<b>Specific Gravity (water = 1):</b>	1 approximate	<b>Vapor Density(Air = 1):</b>	Not applicable
<b>Partition coefficient: (n-octanol/water)</b>	Not available	<b>Evaporation Rate: (n-Butyl Acetate = 1)</b>	Not applicable
<b>Solubility:</b>	Insoluble in water	<b>Boiling Point/Range:</b>	Not available
<b>Viscosity:</b>	Not applicable	<b>Melting Point:</b>	55°C (131°F)
<b>Decomposition Temperature:</b>	Not available	<b>VOC Content:</b>	Not available

### Section 10: Stability and Reactivity

**Chemical Stability:** Stable at normal room temperature.

**Conditions to Avoid:** Avoid extreme heat and open flames.

**Incompatible Materials:** Incompatible with strong oxidizing agents.

**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide, nitrogen oxides from combustion.

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

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### Section 11: Toxicological Information

<u>Acute Toxicity Data</u>	Acute toxicity data is not available. Acute toxicity of the component substances is low.
<u>Other Toxicity Data</u>	
<b>Carcinogenicity:</b>	Normal use of this product will not result in exposure to any component that is considered a human carcinogen by IARC (International Agency for Research on Cancer), ACGIH (American Conference of Governmental Industrial Hygienists, OSHA or NTP (National Toxicology Program).
<b>Irritation:</b>	Not applicable
<b>Corrosivity:</b>	Not applicable
<b>Sensitization:</b>	Not applicable
<b>Neurological Effects:</b>	Not applicable
<b>Genetic Effects:</b>	Not applicable
<b>Reproductive Effects:</b>	Not applicable
<b>Developmental Effects:</b>	Not applicable
<b>Target Organ Effects:</b>	Not applicable

### Section 12: Ecological Information

<b>Ecotoxicity:</b>	Not available
<b>Persistence/Degradability:</b>	Not available
<b>Bioaccumulation/Accumulation:</b>	Not available
<b>Mobility:</b>	Not available

### Section 13: Disposal Considerations

<b>Waste Disposal Method:</b>	Do NOT dump into any sewers, on the ground or into any body of water. Store material for disposal as indicated in Section 7 Handling and Storage. The conditions of use, storage and disposal of this product are beyond our control and may be beyond our knowledge. For this and other reasons, LA-CO Industries, Inc. does not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of this product.
<b>USA:</b>	Dispose of in accordance with local, state and federal laws and regulations.
<b>Canada:</b>	Dispose of in accordance with local, provincial and federal laws and regulations.
<b>EU:</b>	Waste must be disposed of in accordance with relevant EU Directives and national, regional and local environmental control regulations. For disposal within the EU, the appropriate code according to the European Waste Catalogue (EWC) should be used.

### Section 14: Transport Information:

<b>U.S. Hazardous Materials Regulation (DOT 49CFR):</b>	Not regulated
<b>Canadian Transportation of Dangerous Goods (TDG):</b>	Not regulated
<b>ADR/RID:</b>	Not regulated
<b>IMDG:</b>	Not regulated
<b>Marine Pollutants:</b>	Not applicable
<b>ICAO/IATA:</b>	Not regulated

**SAFETY DATA SHEET****Section 15: Regulatory Information****USA****TSCA Status:** All ingredients in the product are listed on the TSCA inventory.**SARA Title III**Sec. 302/304: None  
Sec. 311/312: Not applicable  
Sec. 313: Not applicable  
CERCLA RQ: Not applicable**State Right-to-Know Lists :** State right to know lists: Paraffin wax, Titanium dioxide: Massachusetts, New Jersey, Pennsylvania.**Canada**This product has been classified in accordance with the hazard criteria of the *Controlled Products Regulations* and the MSDS contains all the information required by the *Controlled Products Regulations*.**WHMIS Classification:** Not controlled**New Substance Notification Regulations:** Not all component substances in the product are listed on Canada's Domestic Substances List (DSL).**NPRI Substances:** White mineral oil (8042-47-5) is a NPRI reportable substance, Part 5 substance.**EU Classification****European Inventories:** White mineral oil (CAS 8042-47-5), Paraffin wax (CAS 8002-74-4) are listed in the Inventory of Cosmetic Ingredients Directive (INCI). All other substances listed in EINECS.**Symbol:** This product is not classified as dangerous.**Section 16: Other Information****Preparation Information:****Revision Date:** October 1, 2009**Prepared by:** LEHDER Environmental Services Limited (519) 336-4101  
www.lehder.com**Disclaimer:** While LEHDER Environmental Services Limited believes that the data set forth herein is accurate, as of the date hereof, LEHDER makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. Such data is offered solely for your consideration, investigation and verification.**Manufacturer Disclaimer:** The information contained herein is based on data available to us and is accurate and reliable to the best of our knowledge and belief. However, LA-CO Industries, Inc. makes no representations as to its completeness or accuracy. Information is supplied on condition that persons receiving such information will make their own determination as to its suitability for their purposes prior to use. In no event will LA-CO Industries, Inc. be responsible for damages of any nature whatsoever resulting from the use of or reliance upon the information contained herein.