



Safety Data Sheet

PREMA Products Inc.

Product #: PTT-1 (SKU No. 2209020)

SDS #: RTT-PR-013

Rev. # 5

Rev. Date: 2/14/2020

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: PREMA Tire Talc

Chemical Family: Magnesium Silicate

Product Use: Rubber Care / Release Agent

Restrictions on Use: Use as directed by manufacturer

Distributed By: Prema Products Inc.
1500 Industrial Blvd.
Madison, GA 30650
Phone: 905-628-2303

24-Hour Emergency Phone Number: North America: 800-424-9300 (CHEMTREC)
International: 703-527-3887 (CHEMTREC) Collect Calls Accepted

2. HAZARD IDENTIFICATION

GHS Classifications

Health Hazards

Skin Irritation, Category 3

Acute Toxicity, Inhalation, Category 4

Specific Target Organ Systemic Toxicity, Single Exposure, Category 3, Respiratory Tract [Inhalation]

GHS-Labeling

Pictograms:



Signal Word: Warning!

Hazard Statements

H316: Causes light skin irritation

H332: Harmful if inhaled

H335: May cause respiratory irritation



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Precautionary Statements

Prevention:

P233: Keep container tightly closed.

P261: Avoid breathing dust.

P271: Use only outdoors or in a well-ventilated area.

Response:

P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

Storage:

P403 + P233: Store in a well-ventilated place. Keep container tightly closed.

P405: Store locked up.

Disposal:

P501: Dispose of contents/container in accordance with local, regional, and federal regulations

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical characterization

Magnesium Silicate

Component*	CAS #	% By Wt.
Talc (Hydrous Magnesium Silicate)	14807-96-6	50 - 60
Magnesite	546-93-0	20 - 25
Chlorite	1318-59-8	20 - 25

4. FIRST AID MEASURES

Inhalation

Symptoms & Effects: Irritation of the nose and airways, respiratory irritation

Measures: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is difficult, administer oxygen. If irritation persists, seek medical attention.

Skin Contact

Symptoms & Effects: Skin irritation, dryness

Measures: Wash skin with water after use. If skin irritation persists, seek medical attention.



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Eye Contact

Symptoms & Effects: Mechanical eye irritation

Measures: Rinse eyes with water for at least 15 minutes. Remove contact lenses after the initial few minutes and if easy to do so and resume rinsing. If eye irritation persists, seek medical attention.

Ingestion

Symptoms & Effects: Stomach and throat irritation

Measures: No specific first aid measures required. Drink plenty of water. If irritation develops, seek medical attention.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Carbon dioxide, Dry chemical, Foam, Water spray, Water jet

Unsuitable Extinguishing Media: None identified

Hazardous Combustion Products: None identified

Protective Equipment for Fire-Fighters: Wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA).

Precautions for Fire-Fighters: No specific fire-fighting precautions are required. Use an extinguishing agent suitable for the surrounding fire.

6. ACCIDENTAL RELEASE MEASURES

Protective Equipment: Recommended to wear resistant gloves and discard of gloves that show tears, pinholes, or signs of wear. Wear proper garments to prevent skin exposure, such as long-sleeves and pants.

Personal Precautions: Persons not wearing proper PPE should be excluded from the area of contamination until clean-up has been completed. Ensure adequate ventilation. Eliminate all ignition sources and pay attention to the spreading of gases, especially at ground level.

Environmental Precautions: Do not allow discharge into drains, surface waters, or sanitary sewer system. Prevent spreading over a wide area by constructing a dike or using oil barriers. Local authorities should be advised if significant spillages cannot be contained or if material discharges into drains or ground water.

Methods & Materials for Clean-Up: After all visible traces have been removed, thoroughly wet vacuum the area. Do not allow spilled material to enter public drainage system or open water courses. Transfer to a suitable container for disposal according to proper federal, state, and local regulations. Notify the proper response units and agencies for any uncontained releases or spills.



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7. HANDLING AND STORAGE

Handling: Avoid breathing dusts of this product. Use product with adequate ventilation. Avoid skin contact with this material. Skin PPE should be worn at all times when handling this product. Hands and other exposed areas should be washed thoroughly with soap and water after contact, especially before eating and/or smoking. Do not eat, drink or smoke when using this product.

Storage: Store in a dry, ventilated area. Keep container tightly closed and store locked up. Keep away from food, drink, and animal foodstuffs.

Incompatible Materials: Halogens

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limits :

Talc CAS # 14807-96-6

OSHA	Permissible Exposure Limit (PEL)	20 mppcf
ACGIH	Time Weighted Average (TWA)	2 mg/m ^{3R}
NIOSH	Recommended Exposure Limit (REL)	2 mg/m ³

Magnesite CAS # 546-93-0

OSHA	Permissible Exposure Limit (PEL)	15 mg/m ³
ACGIH	Time Weighted Average (TWA)	2 mg/m ^{3R} / 10 mg/m ^{3I}
NIOSH	Recommended Exposure Limit (REL)	15 mg/m ³

Chlorite CAS # 1318-59-8

OSHA	Permissible Exposure Limit (PEL)	15 mg/m ³
ACGIH	Time Weighted Average (TWA)	2 mg/m ^{3R} / 10 mg/m ^{3I}
NIOSH	Recommended Exposure Limit (REL)	15 mg/m ³

Engineering Controls: Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposures below permissible exposure limits. Provide readily accessible eye wash stations and safety showers.

Occupational Exposure Controls: Ensure adequate ventilation, especially in confined areas. Consider all potential hazards of this material, applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting PPE. Ensure that eyewash stations and safety showers are proximal to the work location. It is ultimately the responsibility of the employer to follow regulatory guidelines established by local authorities.

Protective and Hygiene measures: Do not inhale dusts. Wash hands before breaks and immediately after handling product. When using, do not eat, drink, or smoke.



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Eye Protection: Recommended to wear goggles when there is potential for the exposure of the eyes to the dust. Have a suitable eye wash station or bottle nearby in case of splashing into the eyes.

Hand Protection: Recommended to wear suitable resistant gloves and discard of gloves that show tears, pinholes, or signs of wear. Suitable gloves will be based on product use and the period of use.

Skin Protection: Recommended to wear long-sleeved clothing, pants and proper foot covering in order to prevent direct skin contact with the product. If skin irritation develops, contact your facility health and safety professional or your local safety equipment supplier to determine the proper personal protective equipment for your use.

Respiratory Protection: A NIOSH-approved air-purifying respirator with an appropriate cartridge and/or filter may be appropriate under certain circumstances where airborne concentrations are expected to exceed exposure limits (if applicable) or if overexposure has otherwise been determined. Protection provided by air-purifying respirators is limited. Use a positive pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where an air-purifying respirator may not provide adequate protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Light Grey Powder

Odor: None

Odor Threshold: No data available

pH: No data available

Melting/Freezing point: > 2,400°F (> 1,300°C)

Boiling Point/ Range: Not applicable

Flash point (Tag closed cup): Not applicable

Evaporation rate: Not applicable

Flammability: Lower Limit: Not applicable **Upper Limit:** Not applicable

Vapor pressure: No data available

Relative vapor density: No data available

Density: 2.6 g/cm³ @ 68°F (20°C)

Solubility in water: Negligible

Partition coefficient (n-octanol/water): No data available

Auto-ignition temperature: No data available

Ignition temperature: No data available

Decomposition temperature: > 1,800°F (> 1,000°C)

Viscosity (dynamic): No data available



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10. STABILITY AND REACTIVITY

Reactivity: No decomposition if stored and applied as directed.

Chemical Stability: Stable under normal conditions.

Possibility of Hazardous Reactions: No hazardous reactions.

Conditions to Avoid: None identified.

Incompatible Materials: Halogens

Hazardous decomposition products: None identified.

11. TOXICOLOGICAL INFORMATION

Primary Routes of Exposure: Inhalation, Skin contact

Symptoms Related to Physical, Chemical and Toxicological Characteristics: Irritation of the nose and airways, respiratory irritation, Skin irritation, skin dryness, mechanical eye irritation, and stomach and throat irritation.

Delayed and Immediate Effects & Chronic Effects from Exposure: This product may result in respiratory tract irritation. This substance is not a suspected carcinogen as outlined by OSHA, IARC, ACGIH and the NTP (see below).

Measures of Toxicity:

Acute toxicities are calculated based on component toxicities

Mixture: Acute Oral Toxicity: LD₅₀ Rat: > 5,000 mg/kg

Acute Dermal Toxicity: LD₅₀ Rabbit: > 2,000 mg/kg

Acute Inhalation Toxicity: No sufficient data available

Carcinogen Claims:

OSHA: **None**, International Agency for Research on Cancer (IARC): **Group 3, Not classifiable**

ACGIH: **None**, National Toxicology Program (NTP) Report on Carcinogens: **None**

12. ECOLOGICAL INFORMATION

Eco-toxicity: No data available

Persistence & Degradability: No data available

Bio-accumulative Potential: No data available

Mobility in Soil: No data available

Other Adverse Effects: No data available



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13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with Federal, State or Local regulations.
Contaminated packaging should be emptied as far as possible before disposal.

14. TRANSPORT INFORMATION

DOT SHIPPING CLASSIFICATION:

This product is not regulated as a hazardous material for transport.

IMDG (Marine) SHIPPING CLASSIFICATION:

This product is not regulated as a dangerous good for transport.

IATA (Air) SHIPPING CLASSIFICATION:

This product is not regulated as a dangerous good for transport.

15. REGULATORY INFORMATION

All components of this product conform to the following national inventory requirements. US TSCA, EU EINECS and Canada DSL

SARA Title III

Section 302 – Extremely Hazardous Chemicals

The following ingredients are subject to the supplier notification requirements of Section 302 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 37 *None Listed*

Section 313 – Toxic Chemicals

The following ingredients are subject to the supplier notification requirements of Section 313 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 37 *None Listed*

OTHER FEDERAL REGULATIONS

Components of this product are subject to RCRA Hazardous Waste requirements.
Clean Air Act (CAA) Hazardous Air Pollutants requirements and OSHA Process Safety Management (PSM) high hazard requirements.

CANADIAN REGULATIONS

WHMIS Classification: Same as OSHA GHS Classification



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STATE REGULATIONS

California Proposition 65

This product does not contain chemicals known to the state of California to cause cancer, birth defects, or reproductive harm.

California Hazardous Substances List/Permissible Exposure List
California Toxic air contaminants
Connecticut Permissible Exposure Limits
Delaware List of Chemicals and RQs
Hawaii Permissible Exposure Limits
Idaho Toxic Air Pollutants
Illinois Toxic Air Contaminants List
Louisiana Toxic Air Pollutants
Maine Hazardous Air Pollutants
Maryland Toxic Air Pollutants for Existing Sources
Massachusetts Hazardous Substances List
Michigan Permissible Exposure Limits
Minnesota Hazardous Substances
Minnesota Permissible Exposure Limits
Nebraska Hazardous Air Pollutants
New Jersey RTK Hazardous Substances List/TCPA Extremely Hazardous Substances List
New York List of Hazardous Substances
Ohio Toxic Air Contaminants
Oklahoma Toxic Air Contaminants
North Carolina TAP Emissions Rates Requiring a Permit
Pennsylvania Hazardous Substances List
Rhode Island Toxic Air Contaminants
Tennessee Permissible Exposure Limits
Vermont Hazardous Air Contaminants/Permissible Exposure Limits
Washington Permissible Exposure Limits for Airborne Contaminants.
West Virginia Toxic Air Pollutant List
Wisconsin hazardous Air Contaminants
Wisconsin hazardous Air Contaminants

Note: Entries under Section 15 are not intended to be all inclusive of Federal and State laws and regulations. Please consult the appropriate agencies for further clarification of any requirements.



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16. OTHER INFORMATION

This SDS conforms to the OSHA Hazard Communication Standard 1910.1200 published in the Federal Register March 26, 2012

MEDICAL EMERGENCIES:

Call CHEMTREC 24 hours a
day for emergency information
800-424-9300

FOR ANY OTHER INFORMATION:

PREMA PRODUCTS INC.
1500 Industrial Blvd.
Madison, GA 30650
905-628-2303

NOTICE: PREMA PRODUCTS INC. believes that the information contained on this safety data sheet is accurate. The suggested procedures are based on experience as of the date of publication. They are not necessarily all-inclusive, nor fully adequate in every circumstance. Also, the suggestions should not be confused with, nor followed in violation of, applicable laws, regulations, rules or insurance requirements.

NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE.