



Safety Data Sheet

REMA Tip Top

177402, 5177419, 5177420

SDS #: RTT-IND-062

Rev. # 2

Rev. Date: 09/18/2018

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: T2 Cleaning Rubber

Chemical Family: Rubber Compound, unvulcanized

Product Use: Cleaning rubber

Restrictions on Use: Use as directed by manufacturer

Manufacturer: Rema Tip Top/North America, Inc
1500 Industrial Blvd.
Madison, GA 30650
Phone: 706-752-4000

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

2. HAZARD IDENTIFICATION

GHS Classifications

Environmental Hazards

Chronic Aquatic Toxicity, Category 2

Pictograms:



Hazard Statement

H411: Toxic to aquatic life with long lasting effects.

Precautionary Statements

Prevention:

P273: Avoid release to the environment.

Response:

P391: Collect spillage.



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3. COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical characterization

Component*	CAS #	% By Wt.
Zinc Oxide	1314-13-2	< 5
N-(1,3-Dimethylbutyl)-N'-phenyl-p-phenylenediamine	793-24-8	< 1

4. FIRST AID MEASURES

Inhalation

Symptoms & Effects: Not expected to be an inhalation hazard

Measures: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Skin Contact

Symptoms & Effects: Slight or no skin irritation

Measures: Wash skin with plenty of water and soap as a precaution. If skin irritation or rash occurs, seek medical advice/attention.

Eye Contact

Symptoms & Effects: Slight or no eye irritation

Measures: Rinse eyes with water for a few minutes. Remove contact lenses after the initial few minutes and if easy to do so and resume rinsing.

Ingestion

Symptoms & Effects: Not considered a likely route of exposure.

Measures: Drink plenty of water in order to dilute ingested material.

5. FIRE FIGHTING MEASURES

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

Unsuitable Extinguishing Media: None Identified

Hazardous Combustion Products: Hydrocarbons, Carbon monoxide, Carbon dioxide

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

Precautions for Fire-Fighters: This product is a slight fire hazard. Contain fire run off if possible. Unsuitable extinguishing media have not been identified.



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6. ACCIDENTAL RELEASE MEASURES

Protective Equipment: Recommended to wear chemical splash goggles & 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.

Environmental Precautions: Do not allow discharge into drains, surface waters, or sanitary sewer system. Prevent spreading over a wide area by constructing a dike. 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: Contained spilled material with inert, non-combustible absorbent materials (e.g. sand, earth, diatomaceous earth, vermiculite). Transfer to a suitable container for disposal according to proper federal, state, and local regulations.

7. HANDLING AND STORAGE

Handling: Wear proper PPE when handling this product, which may include protective gloves and chemical splash goggles. Avoid contact with skin and eyes when possible. Wash hands and contaminated areas thoroughly after handling and before breaks. Do not eat, drink or smoke when handling this product.

Storage: Keep container tightly closed in a cool, well-ventilated area.

Incompatible Materials: Nitrous acid, Nitrosating agents

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limits :

Zinc Oxide

CAS # 1314-13-2

OSHA	Permissible Exposure Limit (PEL)	5 mg/m ³
ACGIH	Time Weighted Average (TWA)	2 mg/m ³
NIOSH	Recommended Exposure Limit (REL)	5 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



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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: Wash hands before breaks and immediately after handling product. When using, do not eat, drink, or smoke.

Eye Protection: Recommended to wear tight fitting, chemical splash goggles with side shields when there is potential for the exposure of the eyes to the liquid. 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, and may include neoprene, butyl-rubber, nitrile rubber, etc.

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: Although unlikely, 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: Black Solid

Odor: Bland

Odor Threshold: No data available

pH: No data available

Melting/freezing point: No data available

Boiling point: No data available

Boiling range: No data available

Flash point (Tag closed cup): No data available

Evaporation rate: No data available

Flammability: Lower Limit: No data available **Upper Limit:** No data available

Vapor pressure: No data available

Relative vapor density: No data available

Density: 1.08 g/cm³

Solubility in water: Insoluble

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

Auto-ignition temperature: No data available



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Decomposition temperature: No data available

Viscosity (dynamic): No data available

10. STABILITY AND REACTIVITY

Reactivity: No decomposition if stored and applied as directed.

Chemical Stability: Stable under normal conditions.

Possibility of Hazardous Reactions: Product will not undergo hazardous polymerization if storage and use guidelines are followed.

Conditions to Avoid: Excessive heat

Incompatible Materials: Nitrous acid, Nitrosating agents

Hazardous decomposition products: Hydrocarbons, Carbon monoxide, Carbon dioxide

11. TOXICOLOGICAL INFORMATION

Primary Routes of Exposure: Skin contact, Eye contact

Symptoms Related to Physical, Chemical and Toxicological Characteristics: Slight skin or eye irritation, digestive tract irritation.

Delayed and Immediate Effects & Chronic Effects from Exposure: This product is not suspected of causing any chronic or delayed health effects. This substance is not a suspected carcinogen to humans 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: > 5,000 mg/kg

Acute Inhalation Toxicity: LC₅₀ Rat: > 25.0 mg/l

Zinc Oxide

CAS # 1314-13-2

Acute Oral Toxicity LD₅₀ Mouse: 7,950 mg/kg

Acute Inhalation Toxicity LC₅₀ Mouse: 2,500 mg/m³

Carcinogen Claims:

OSHA: **No**, International Agency for Research on Cancer (IARC): **No; 4 [Possibly Not Carcinogenic]**

ACGIH: **No; A5 [Not Suspected]**, National Toxicology Program (NTP) Report on Carcinogens: **No**



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12. ECOLOGICAL INFORMATION

Eco-toxicity: This substance is expected to be toxic to aquatic organisms with long lasting effects. It is strongly advised that this substance does not enter the environment. Local authorities should be advised if significant spillages cannot be contained or if material discharges into drains or ground water.

Zinc Oxide

CAS # 1314-13-2

Toxicity to Fish LC₅₀ – 1.1 mg/l (Rainbow Trout; 96 h)
Toxicity to Daphnia EC₅₀ – 0.098 mg/l (Water Flea; 48 h)

Persistence & Degradability: No data available.

Bio-accumulative Potential: No data available

Mobility in Soil: No data available

Other Adverse Effects: No data available

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*



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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

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.

The components of this product may be included on the various state hazardous materials lists noted below.

California Hazardous Substances List
Delaware Air Quality Management List
Idaho Air Pollutants List
Illinois Toxic Air Contaminants List
Maine Hazardous Air Pollutants List
Massachusetts Hazardous Substances List
Michigan Critical Materials List
Minnesota Hazardous Substances List
New Jersey RTK Hazardous Substances List
New Jersey TCPA Extremely Hazardous Substances List
New York List of Hazardous Substances
North Carolina Toxic Air Contaminants List
Pennsylvania Hazardous Substances List
Washington Permissible Exposure Air Contaminants List
West Virginia Air Toxic Pollutants List
Wisconsin Hazardous Air Contaminants List

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:

**REMA TIP TOP/NORTH AMERICA, INC
240 Pegasus Avenue, 2nd Floor
NORTHVALE, NJ 07647
201-256-8200**

NOTICE: REMA TIP TOP NORTH AMERICA 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.**