



# Safety Data Sheet

## REMA Tip Top

Product #: 5177402, 5177419, 5177420

SDS #: RTT-IND-062

Rev. # 1

Rev. Date: 08/13/2015

### 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  
119 Rockland Ave.  
Northvale, NJ 07647  
Phone: 201 256-8200

**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

Rubber compound, unvulcanized

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

\*The above listed components are OSHA hazardous materials which contribute to this products' GHS Hazard Categorization as prescribed in OSHA's Hazard Communication 29 CFR 1910.1200.

### 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).



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

### 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 :

Exposure limits have not been established for this product.

#### Zinc Oxide

#### CAS # 1314-13-2

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



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**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:** 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



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**Vapor pressure:** No data available  
**Relative vapor density:** No data available  
**Density:** 1.08 g/cm<sup>3</sup>  
**Solubility in water:** Insoluble  
**Partition coefficient (n-octanol/water):** No data available  
**Auto-ignition temperature:** No data available  
**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: LD<sub>50</sub> Rat: > 5,000 mg/kg  
Acute Dermal Toxicity: LD<sub>50</sub> Rabbit: > 5,000 mg/kg  
Acute Inhalation Toxicity: LC<sub>50</sub> Rat: > 25.0 mg/l

#### **Zinc Oxide**

Acute Oral Toxicity

#### **CAS # 1314-13-2**

LD<sub>50</sub> Mouse: 7,950 mg/kg



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Acute Inhalation Toxicity LC<sub>50</sub> Mouse: 2,500 mg/m<sup>3</sup>

### 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

## 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 LC<sub>50</sub> – 1.1 mg/l (Rainbow Trout; 96 h)

Toxicity to Daphnia EC<sub>50</sub> – 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.



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### 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: Not Classifiable (Based on Components)

#### **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



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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.

### **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  
119 Rockland Ave.  
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.

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