



# Safety Data Sheet

REMA Tire Repair Materials

Product #s: BR-1, BR-5, BR-55

SDS #: RTT-TRM-100

Rev. # 2

Rev. Date: 2/22/2014

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Bead Release

**Chemical Family:** Petroleum Distillates (Hydrocarbons)

**Product Use:** Tire Demounting

**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

#### **Health Hazards**

Skin Irritation, Category 3  
Eye Irritation, Category 2B

**(No GHS Pictograms are required for this SDS as per OSHA's Hazard Communication 29 CFR 1910.1200)**

**Signal Word: Warning!**

#### **Hazard Statements**

H316: Causes light skin irritation  
H320: Causes eye irritation

#### **Precautionary Statements**

##### **Prevention:**

P264: Wash skin and exposed areas thoroughly after handling.  
P280: Wear protective gloves/eye protection.

##### **Response:**

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321: Specific treatment found in supplemental First Aid Section of this SDS (Section 4).



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P337 + P313: If eye irritation persists: Get medical advice/attention.

### Storage:

No specific Precautionary Statements required.

### Disposal:

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

## 3. COMPOSITION/ INFORMATION ON INGREDIENTS

### Chemical characterization

Petroleum Distillates (Hydrocarbons)

Component*	CAS #	% By Wt.
Naphthenic Distillates, heavy hydrotreated	64742-52-5	85 – 100

\*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:** Respiratory tract irritation, dizziness, nausea

**Measures:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing has stopped, begin artificial respiration. If breathing is difficult, administer oxygen. If symptoms persist, seek medical attention.

### Skin Contact

**Symptoms & Effects:** Slight skin irritation

**Measures:** Immediately wash skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes while washing. If skin irritation or rash occurs, seek medical advice/attention. Wash contaminated clothing before reuse.

### Eye Contact

**Symptoms & Effects:** Eye irritation, tearing, redness

**Measures:** Immediately 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. Rinse beneath eyelids by holding eyelids apart with clean fingers while rinsing. Seek immediate medical attention.

### Ingestion

**Symptoms & Effects:** Stomach discomfort, nausea



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**Measures:** Seek immediate medical attention. Do NOT induce vomiting. If the victim is drowsy or unconscious, do not give anything by mouth. Place individual on their left side and place their head down. Do not leave victim unattended.

### **5. FIRE FIGHTING MEASURES**

**Suitable Extinguishing Media:** Dry chemical, Carbon dioxide, Alcohol-resistant foam

**Unsuitable Extinguishing Media:** Direct water stream (See Precautions)

**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:** Do not use direct water stream as this may spread fire as well as result in splattering. Product is slightly combustible. Flammable vapors may be emitted when product is heated above the published flash point. Use water spray to cool fire exposed containers and structures if this can be done with minimal risk. Avoid spreading burning material with water used for cooling purposes.

### **6. ACCIDENTAL RELEASE MEASURES**

**Protective Equipment:** Recommended to wear splash goggles with side shields as well as resistant gloves, such as polyvinyl alcohol-based 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. 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:** Eliminate all sources of ignition. Use non-sparking tools for material containment and collection. Ventilate the contaminated area. 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.



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### 7. HANDLING AND STORAGE

**Handling:** Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, or solid), all hazard precautions given in this SDS must be observed. Use only non-sparking tools. Do not cut, weld, braze, solder, or expose containers to other ignition sources. Wear proper PPE when handling this product including protective gloves and splash goggles. Avoid prolonged skin contact and breathing of product vapors. Use with adequate ventilation. Regular laundering of contaminated clothing is essential to reduce indirect skin contact with this material.

**Storage:** Store in a well-ventilated area, away from heat and ignition sources. Keep container tightly closed and store locked up. Keep away from food, drink, and animal foodstuffs.

**Incompatible Materials:** Strong oxidizing agents

### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

#### Exposure Limits :

Exposure limits have not been established for this product.

#### Naphthenic Distillates, heavy hydrotreated

CAS # 64742-52-5

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

**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 vapors. Wash hands before breaks and immediately after handling product. When using, do not eat, drink, or smoke. Wash contaminated clothing before re-use.

**Eye Protection:** Recommended to wear chemical splash goggles with side shields when there is potential for the exposure of the eyes to the liquid or vapor. 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.



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**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:** Amber Liquid

**Odor:** Petroleum Odor

**Odor Threshold:** No data available

**pH:** No data available

**Melting/freezing point:** -30°F (-34°C)

**Boiling point:** 468°F (242°C)

**Boiling range:** No data available

**Flash point (Tag closed cup):** 288°F (142°C)

**Evaporation rate:** < 1 n-Ethyl Ether

**Flammability: Lower Limit:** 1.0% (V) **Upper Limit:** 10.0% (V)

**Vapor pressure:** < 0.05 Pa at 68°F (20°C)

**Relative vapor density:** > 5 (Air = 1)

**Density:** 0.91 g/cm<sup>3</sup> (7.6 lbs/gal)

**Solubility in water:** Negligible

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

**Auto-ignition temperature:** > 610°F (> 320°C)

**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.



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**Conditions to Avoid:** Heat, Flames, Sparks, Other ignition sources, Excessive heat

**Incompatible Materials:** Strong oxidizing agents

**Hazardous decomposition products:** Hydrocarbons, Carbon monoxide, Carbon dioxide

### 11. TOXICOLOGICAL INFORMATION

**Primary Routes of Exposure:** Inhalation, Skin contact, Eye contact

**Symptoms Related to Physical, Chemical and Toxicological Characteristics:** Respiratory tract irritation, dizziness, nausea, slight skin irritation, eye irritation, tearing, redness, stomach discomfort

**Delayed and Immediate Effects & Chronic Effects from Exposure:** Based on current data, this product is not expected to have any chronic effects.

#### **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: No data available

#### **Carcinogen Claims:**

OSHA: No

International Agency for Research on Cancer (IARC): No; 3 [Not Classifiable]

ACGIH: No; A4 [Not Suspected]

National Toxicology Program (NTP) Report on Carcinogens: No

### 12. ECOLOGICAL INFORMATION

**Eco-toxicity:** This substance is not expected to be toxic to aquatic organisms. It is however, still 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.

**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.



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## 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: Not Classifiable (Based on components)

### STATE REGULATIONS

#### California Proposition 65

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



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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  
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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