



To Our Customers:

The attached Safety Data Sheet (SDS) was prepared by the vendor of the product you purchased through one of our divisions. We used the manufacturer's electronic document directly or scanned a paper copy and generated a file for our automated SDS delivery system.

All statements, technical information, and recommendations contained therein are solely that of the manufacturer of the product. We at Zep Inc. did not verify the accuracy and completeness of the statements and do not warrant or guarantee the information. We provide vendor SDSs to assist our customers in their compliance efforts. The attached document is in compliance with one of the respective country regulatory requirements noted below:

The OSHA Hazard Communication Standard (in the United States)
The Hazardous Products Regulations (in Canada)

We made every effort to deliver all of the information prepared by the manufacturer. We cannot anticipate all conditions under which this information will be used. If you have any questions about the statements on the SDS, please contact the company shown on the document.

Zep Inc. assumes no liability or responsibility for loss or damage resulting from the improper use or handling of this product, from incompatible product combinations, or from the failure to follow instructions, warnings, and advisories in the manufacturer's product label and Safety Data Sheet.

Sincerely,

Product Stewardship Team
Zep Inc.



Safety Data Sheet

REMA Tire Repair Materials

Product Codes: 74, 75, 75N, 78 MP 5KG

SDS #: RTT-TRM-039

Rev. #8

Date: 7/5/2016

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Universal Mounting Paste

Chemical Family: Aqueous soap solution containing propylene glycol

Product Use: Tire Mounting lubricant

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. HAZARDS IDENTIFICATION

GHS Classification

NO PHYSICAL OR HEALTH HAZARD STATEMENTS REQUIRED.
NO ENVIRONMENTAL HAZARD STATEMENTS REQUIRED
NO PICTOGRAMS REQUIRED.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical characterization

Aqueous soap solution containing propylene glycol

None of the ingredients in this product are classified as hazardous under the GHS as adopted in OSHA's Hazard Communication 29 CFR 1910.1200. (March 26, 2012)



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4. FIRST AID MEASURES

Inhalation

Symptoms & Effects: No known adverse effects.

Measures: However, if irritation or discomfort occurs, move outdoors or to fresh air. If breathing is difficult, provide artificial respiration or oxygen. If symptoms continue, seek medical attention.

Skin Contact

Symptoms & Effects: No known adverse effects. Prolonged or repeated contact with skin may result in defatting and redness.

Measures: Rinse skin with water and dry. Apply moisturizing lotion. If skin irritation occurs, seek medical attention.

Eye Contact

Symptoms & Effects: May cause transient eye irritation.

Measures: Immediately flush eyes gently with plenty of water for at least 15 minutes. While washing, remove contact lenses if present and easy to do so and continue rinsing. Rinse beneath eyelids by holding eyelids apart with clean fingers while washing. If irritation continues, seek medical attention.

Ingestion

Symptoms & Effects: Product is not toxic. May cause some stomach discomfort.

Measures: Do NOT induce vomiting. Rinse mouth with water and drink 1 glass of water to dilute the material in the stomach. Do not give liquids to a drowsy or unconscious person. If vomiting occurs, keep heads below hips to prevent aspiration. If symptoms continue, seek medical attention.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Product is not flammable. Fight surrounding fires with extinguish agents suitable for such materials.

Unsuitable Extinguishing Media: None identified

Hazardous Combustion Products: None known.

Protective Equipment for Fire-Fighters: Wear firefighting and respiratory protection suitable to fight surrounding fire.

Precautions for Fire-Fighters: This product does not burn, however heating may release vapors which may be ignited.



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6. ACCIDENTAL RELEASE MEASURES

Protective Equipment: Recommended to wear safety glasses with side shields and rubber gloves. Wear proper garments to reduce skin exposure, such as long-sleeves and pants.

Personal Precautions: No special precautions are required. Spilled product may create slippery conditions.

Environmental Precautions: Product is not a hazardous waste. Discard in accordance with state and local requirements

Methods & Materials for Clean-Up: Absorb material with inert materials. Shovel or gather material and place in appropriate container for disposal. Wash spill area thoroughly.

7. HANDLING AND STORAGE

Handling: No special handling is required. Take usual precautions appropriate for the work environment.

Storage: No special storage is required. Keep away from food, drink, and animal foodstuffs.

Incompatible Materials: Keep away from strong oxidizing agents and strong acids

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limits :

Exposure Limits have not been established for this product or any of its components.

Engineering Controls: Use product in a well-ventilated area.

Occupational Exposure Controls: Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations are in work area.

Protective and Hygiene Measures: Wash hands before breaks and after handling product. When using, do not eat, drink, or smoke. In case of clothes contamination, remove and wash contaminated clothing before re-use.

Eye Protection: Recommended to wear safety glasses with side shields when there is potential for the exposure of the eyes to the product.

Hand Protection: Recommended to wear gloves when using this product, and to discard of gloves that show tears, pinholes, or signs of wear.



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Skin Protection: Recommended to wear long-sleeved clothing, pants and proper foot covering in order to minimize direct skin contact with the product.

Respiratory Protection: Not required unless mists are generated during use. In that case use a NIOSH approved respirator suitable for aqueous mists.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Off white paste

Odor: Mild soapy

Odor Threshold: No data available

pH: 10 – 10.5

Melting Point: 122-131°F (50-55°C)

Freezing point: No data available

Initial boiling point: No data available

Boiling range: 212°F (100°C)

Flash point (Tag closed cup): Not applicable

Evaporation rate: No data available

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

Vapor pressure: < 0.1 psi

Vapor density: No data available

Relative density: ~1.0 g/cm³ (8.3 lb/gal)

Solubility in water: Completely Soluble

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: Will not react under normal conditions.

Conditions to Avoid: Excessive heat

Incompatible Materials: Strong oxidizing agents, Strong acids

Hazardous decomposition products: Hydrocarbons, Carbon monoxide, Carbon dioxide



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11. TOXICOLOGICAL INFORMATION

Primary Routes of Exposure: Skin contact and Eye contact

Symptoms Related to Physical, Chemical and Toxicological Characteristics: Product is not toxic.

Delayed and Immediate Effects & Chronic Effects from Exposure: This material may cause respiratory irritation.

Measures of Toxicity:

Acute toxicities are calculated based on component toxicities

Mixture: Acute Oral Toxicity: No data available

Acute Dermal Toxicity: No data available

Acute Inhalation Toxicity: No data available

Propylene Glycol

CAS # 57-55-6

Acute Oral Toxicity

LD₅₀ Rat: 20,000 mg/kg

Acute Dermal Toxicity

LD₅₀ Rat: 20,800 mg/kg

Acute Inhalation Toxicity

No Data Available

Soap

Acute Oral Toxicity

LD₅₀ Rat: >10 g/kg

Acute Dermal Toxicity

LD₅₀ Rabbit: > 5 g/kg

Carcinogen Claims:

OSHA: No

International Agency for Research on Cancer (IARC): No

ACGIH: No; A5 [Not Suspected]

National Toxicology Program (NTP) Report on Carcinogens: No

12. ECOLOGICAL INFORMATION

Eco-toxicity: There are no known adverse effects on the environment.

Propylene Glycol

CAS # 57-55-6

Toxicity to Fish

LC₅₀ – 52,930 mg/l (Fathead Minnow; 96 h)

Toxicity to Daphnia

EC₅₀ – > 10,000 mg/l (Daphnia; 48 h)

Persistence & Degradability: Product is completely biodegradable.

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.

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

OTHER FEDERAL REGULATIONS

Propylene glycol is listed under the National Emissions Standards for Organic Hazardous Air Pollutants, subpart F, SOCM I

CANADIAN REGULATIONS

WHMIS Classification: Not classified



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STATE REGULATIONS

California Proposition 65

This product does not contain materials known to the state of California to cause cancer, birth defects, and other reproductive harm.

Propylene glycol is included on the state hazardous materials lists noted below.

New Jersey RTK Hazardous Substances List
Vermont Hazardous Air Contaminant Ambient Air Standards
Washington Toxic Air Pollutants

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.

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

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