



# Safety Data Sheet

## REMA Tire Repair Materials

Product Code: Blackout-5, Blackout-55

SDS #: RTT-TRM-002

Version #7

Date: 8/22/2019

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Black-Out RTU

**Chemical Family:** Aqueous latex/glycol solution containing carbon black

**Product Use:** Ready to use tire paint.

**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. HAZARDS IDENTIFICATION

#### GHS Classification

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

This product is not classified as hazardous under the GHS as adopted in OSHA's Hazard Communication 29 CFR 1910.1200. (March 26, 2012)

### 3. COMPOSITION/ INFORMATION ON INGREDIENTS

#### Chemical characterization

Aqueous solution containing latex, carbon black, propylene glycol and other additives

Component*	CAS #	% By Wt.
Carbon Black, amorphous	1333-86-4	3 - 8
Dipropylene glycol n-butyl ether	29911-28-2	1 - 3



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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 rubber gloves. Wear proper garments to reduce skin exposure, such as long-sleeves and pants. For exposure to aerosol or mist use a NIOSH approved respirator suitable for aqueous aerosols and mists.

**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 :

<b>Carbon Black, amorphous</b>	<b>CAS # 1333-86-4</b>	3 mg/ m <sup>3</sup> ( <sup>1</sup> ) ACGIH TWA
<b>Dipropylene glycon n-butyl ether</b>	<b>CAS # 29911-28-2</b>	10 mg/m <sup>3</sup> DOW TWA (aerosol)

(1) Inhalable particulate matter.

**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. For spraying application use local exhaust ventilation or use a NIOSH approved respirator suitable for aqueous aerosols and mists.

**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.



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

**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 aerosol or mist is generated during use. In that case use a NIOSH approved respirator suitable for aqueous aerosols and mists.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Black liquid

**Odor:** Mild

**Odor Threshold:** No data available

**pH:** 9.4 – 10.5

**Melting Point:** Not applicable

**Freezing point:** No data available

**Initial boiling point:** 212°F (100°C)

**Boiling range:** No data available

**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:** ~1.12 g/cm<sup>3</sup> (9.34 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):** 1270-2800 cps

### 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



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

### 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 estimated based on component toxicities

Mixture: Acute Oral Toxicity: LD<sub>50</sub> >5,000 mg/kg

Acute Dermal Toxicity: LD<sub>50</sub> >5,000 mg/kg

Acute Inhalation Toxicity: No data available

#### **Propylene Glycol**

**CAS # 57-55-6**

Acute Oral Toxicity LD<sub>50</sub> Rat: 20,000 mg/kg

Acute Dermal Toxicity LD<sub>50</sub> Rat: 20,800 mg/kg

Acute Inhalation Toxicity No Data Available

#### **Dipropylene glycol n-butyl ether** CAS # 29911-28-2

Acute Oral Toxicity LD<sub>50</sub> Rat: 3700 mg/kg

Acute Dermal Toxicity LD<sub>50</sub> Rabbit: > 2000 mg/kg

Acute Inhalation Toxicity LC<sub>50</sub> Rat: >2.04 mg/l

#### **Carcinogen Claims: carbon black**

OSHA: **No**, International Agency for Research on Cancer (IARC): **2B possibly carcinogenic to humans**

ACGIH: **No; A3 Confirmed animal carcinogen with unknown relevance to humans.**

National Toxicology Program (NTP) Report on Carcinogens: **No**

The carcinogenic potential of carbon black is the result of inhalation of inhalable particulates.

Since the product is a liquid, inhalation exposure to carbon black inhalable particulates is not expected under normal conditions of use.



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### 12. ECOLOGICAL INFORMATION

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

**Dipropylene glycol n-butyl ether is practically non-toxic to aquatic organisms.**

**Persistence & Degradability:** Product is completely biodegradable.

**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.

##### **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



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### OTHER FEDERAL REGULATIONS

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

### CANADIAN REGULATIONS

Canadian GHS Classification: Not classified as hazardous.

### 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.

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

- 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



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**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, INC  
240 Pegasus Avenue, 2<sup>nd</sup> 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.

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