

**M&R Tire Products Inc.**

**SAFETY DATA SHEET**      VERSION 1    DATE: MARCH 23, 2016

**MAGNUM PLUS TIRE BALANCING COMPOUND**

**SECTION 1 PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT BRAND NAME:**    MAGNUM PLUS

**PRODUCT IDENTIFICATION:** TIRE BALANCING COMPOUND

**COMPANY IDENTIFICATION:**

**M&R TIRE PRODUCTS INC.  
P.O. BOX 948  
SIMCOE, ON CANADA N3Y 5B3  
PHONE: (519) 428-4252**

**SECTION 2    HAZARDS IDENTIFICATION**

**GHS HAZARD CLASSIFICATION:**    Not classified

**GHS LABEL ELEMENTS:**

**SIGNAL WORD:**                            No signal word  
**LABEL CODES/PICTOGRAMS:**        NO pictograms  
**HAZARD STATEMENTS:**                CAUTION! May cause irritation

**PRECAUTIONARY STATEMENTS:**    NONE ASSIGNED UNDER GHS

**Special Statement regarding Hazardous ingredients:**

Eye contact may cause minor physical irritation. Inhalation of dust may cause upper respiratory irritation with coughing and sneezing. Read and understand all Health and Safety information on the SDS sheet before use.

**Potential Health Effects:**

Routes of exposure:

Inhalation: Dust that may be released in handling may cause symptoms typical of nuisance dusts including coughing, sneezing and minor upper respiratory irritation.

Skin and Eyes: Direct eye contact may cause minor physical or mechanical irritation. Skin contact not expected to cause any harmful effects.

Ingestion: Not considered harmful by ingestion.

Carcinogenicity According to NTP, IARC and OSHA: Not Applicable. Ingredients in these products are considered to be of a size (non-respirable) and concentration which do not pose a significant threat to human health when the product is used as intended.

**SECTION 3 COMPOSITION**

| <b>CHEMICAL NAME<br/>ACGIH (TLV)</b> | <b>% WT</b> | <b>CAS#</b> | <b>OSHA (PEL)</b> |
|--------------------------------------|-------------|-------------|-------------------|
|--------------------------------------|-------------|-------------|-------------------|

| <b>CHEMICAL NAME<br/>ACGIH (TLV)</b> | <b>% WT</b> | <b>CAS#</b> | <b>OSHA (PEL)</b> |
|--------------------------------------|-------------|-------------|-------------------|
| Soda-lime glass oxide                | 98          | 65997-17-3  |                   |
| Amorphous Silicon Dioxide            | 1-2         | 7631-86-9   |                   |
| Chromium (III) Pigment               | <0.75       | 1308-38-9   |                   |
| Inorganic Pigments                   | <.04        | None        |                   |
| Cobalt Pigments                      | <.04        | None        |                   |
| Amorphous Silica                     | <.1         | 7631-/9-9   |                   |
| Basic Red 1:1                        | <.01        | None        |                   |
| Basic Green 1                        | <.01        | None        |                   |
| Basic Yellow 2                       | <.01        | None        |                   |
| Basic Blue 26                        | <.01        | None        |                   |
|                                      |             |             |                   |

**SECTION 4 FIRST AID MEASURES**

The following first aid recommendations are based on an assumption that the appropriate personal and industrial hygiene practices are followed:

**Eye Contact:** Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.  
**Skin Contact:** Wash affected area with soap and water. If signs/symptoms develop get medical attention.  
**Inhalation:** Remove person to fresh air. If signs/symptoms develop, get medical attention.  
**Ingestion:** Do not induce vomiting unless instructed to do so by medical personnel. Give the victim two glassed of water. Never give anything by mouth to an unconscious person. Get medical attention. No need for first aid is anticipated.

**SECTION 5 FIRE FIGHTING MEASURES**

FLASH POINT: NON-FLAMMABLE

FLAMMABLE LIMITS: AUTOIGNITION TEMP-N/A, FLASH POINT -N/A, LEL- N/A, UEL - N/A

EXTINGUISHING MEDIA: This product is not combustible or flammable. Use extinguishing agents that are suitable to the surrounding fire, water spray, dry chemical, foam or CO2.

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

ACCIDENTAL RELEASE MEASURE: Observe precautions from other sections. Collect as much of the spilled material as possible. Clean up residue. Place in a closed container approved for transportation by appropriate authorities.

In the event of a release of this material, the user should determine if the release qualifies as reportable according to local, state and federal regulations.

**SECTION 7** **HANDLING AND STORAGE**

STORAGE: Not applicable.

HANDLING: For industrial or professional use only. Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below Occupational Exposure Limits. If ventilation is not adequate, use respiratory protection equipment.

**SECTION 8** **EXPOSURE CONTROLS/PERSONAL PROTECTION**

ENGINEERING CONTROLS: Maintain air levels below the recommended exposure limit using process enclosure and exhaust ventilation if necessary. Supply sufficient replacement air to make up for air removed by exhaust systems. If engineering controls and work practices are not effective in controlling exposures, appropriate personal protective equipment including a NIOSH/OSHA approved respirator should be worn.

EYES: Wear safety glasses with side shields or goggles. Eyewash stations should be available in the workplace.

SKIN: Wear rubber, PVC or leather gloves to facilitate personal hygiene.

RESPIRATORY PROTECTION: Workplace ambient dust concentrations should be monitored and if the recommended exposure limit is exceeded, a NIOSH/MSHA approved respirator with dust pre-filter should be worn.

OTHER: Educate and train employees in the safe use and handling of hazardous chemicals.

WORK/HYGIENE PRACTICES: Employees should wash their hands and face before eating, drinking, or using tobacco products.

**SECTION 9** **PHYSICAL AND CHEMICAL PROPERTIES**

9.1 Information on basic physical and chemical properties

|                        |                                |
|------------------------|--------------------------------|
| Physical State:        | Solid                          |
| Appearance:            | Beads                          |
| Odour:                 | Odourless                      |
| Odour Threshold (ppm): | Not applicable                 |
| Colour:                | Various colours                |
| Grade:                 | Typical particle size 2-2.4 mm |
| Melting Point:         | Not applicable                 |
| Freezing Point:        | Not applicable                 |
| Boiling Point:         | Not applicable                 |
| Flash Point:           | Not applicable                 |
| Vapour Pressure:       | Not applicable                 |
| Vapour Density:        | Not applicable                 |
| Bulk Density:          | Not available                  |
| Viscosity:             | Not applicable                 |
| Flash Point:           | Not applicable                 |
| Specific Gravity       | 2.6-2.7                        |

9.2 Other Information

Use of this product under normal and recommended conditions and specifications will pose no known hazards. However, if surfaces using this product are subjected to sanding or grinding as might occur for maintenance purposes, and such treatment produces respirable dust, then proper ventilation and breathing apparatus should be used. Under such conditions, NIOSH-BOM approved respirators should be worn.

GLOVES: Optional  
be worn.

EYE PROTECTION: Full eye zone goggles should be worn.

## **SECTION 10** **STABILITY AND REACTIVITY**

### **CHEMICAL STABILITY**

UNDER NORMAL CONDITIONS: Stable

MATERIAL AND CONDITIONS TO AVOID: None known

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION: Under recommended usage conditions, hazardous decomposition products are not expected. Hazardous decomposition products may occur as a result of oxidation, heating or reaction with another material.

## **SECTION 11** **TOXICOLOGICAL INFORMATION**

|                                    |   |
|------------------------------------|---|
| Skin corrosion/irritation:         | Non irritating                                  |
| Serious eye damage/irritation:     | Non irritating                                  |
| Respiratory or skin sensitization: | Non irritating                                  |
| Ingestion:                         | Non irritation                                  |
| Carcinogenicity:                   | Not classified                                  |
| Reproductive Data:                 | No adverse reproductive effects are anticipated |
| Mutagenicity Data:                 | No adverse mutagenic effects are anticipated    |
| Teratogenicity Data”               | No adverse teratogenic effects are anticipated  |
| Synergistic Materials:             | None known                                      |

## **SECTION 12** **ECOLOGICAL INFORMATION**

### **Ecotoxicity:**

96-hour LC50 (Brachydanio rerio) = >10 000 ppm (3)

24-hour EC50 (Daphnia magna) = >>>

### **Environmental Fate:**

72-hour EC50 (Selenastrum capricornutum) = 440 mg/l (6)

72-hour EC50 (Scenedesmus subspicatus) = >10 000 mg/l (6)

## **SECTION 13** **DISPOSAL CONSIDERATIONS**

|                         |  |
|-------------------------|--|
| Deactivating Chemicals: | None required  |
| Waste Disposal Methods: | Dispose of waste material at an approved (hazardous) waste treatment/disposal facility in accordance with applicable local, provincial and federal regulations.<br>Do not dispose of waste with normal garbage, or to sewer systems. |
| Disposal of Packaging:  | Empty containers retain product residue. Treat package in the same manner as the product. Dispose of waste material at an approved landfill site. Recycling is encouraged.   |

