

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 IDENTIFICATION OF THE PRODUCT

Trade name: MAGNUM+
Product identification: Tire balancing glass beads

1.2 COMPANY IDENTIFICATION

INDUSTRIES MARTINS INC.
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J2N 3B5, Canada

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2. HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

GHS hazard classification: Not classified

2.2 GHS LABEL ELEMENTS

Signal word: No signal word
Label codes/pictograms: No pictograms
Hazard statements: CAUTION! May cause irritation

2.3 PRECAUTIONARY STATEMENTS

None assigned under GHS.

2.4 SPECIAL STATEMENT REGARDING HAZARDOUS INGREDIENTS

2.4.1 EYE CONTACT

Eye contact may cause minor physical irritation.

2.4.2 INHALATION

Inhalation of dust may cause upper respiratory irritation with coughing and sneezing.

2.4.3 HEALTH AND SAFETY INFORMATION

Read and understand all Health and Safety information on the SDS sheet before use.

2.5 POTENTIAL HEALTH EFFECTS

2.5.1 INHALATION

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

2.5.2 SKIN

Skin contact not expected to cause any harmful effects.

2.5.3 EYES

Direct eye contact may cause minor physical or mechanical irritation.

2.5.4 INGESTION

Not considered harmful by ingestion.

2.5.5 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.

3. COMPOSITION/INFORMATION ON THE INGREDIENTS

3.1 SUBSTANCE

Not relevant.

3.2 MIXTURES

Description: Beads made of Soda lime glass, CAS# 65997-17-3 / EINECS# 266-046-0

COMPONENTS

SUBSTANCE NAME	CLASSIFICATION/ INDEX NO.	WEIGHT	CAS-NO	EC-NO (EINECS)	REACH REG. NO.
MAIN COMPONENTS		Reference values			
Silicon dioxide SiO ₂	amorphous, no hazardous substance	72.30 %	7631-86-9	231-545-4	01-2119379499-16
Sodium oxide Na ₂ O	WaterReact.2;H261 Skin Corr.1B;H314	13.30 %	1313-59-3	215-208-9	01-2120759517-43
Calcium oxide CaO	STOT.SE.3;H335 Skin.Irrit.2;H315 Eye Dam. 1,H318	8.90 %	1305-78-8	215-138-9	01-2120767286-44
Magnesium oxide MgO	No hazardous substance	4.00 %	1309-48-4	215-171-9	No registration
Amorphous Silicon Dioxide		1-2 %	7631-86-9		
Basic Orange		< 0.01 %			
FURTHER		1.50%			

Note: The product is an amorphous inorganic solid composed of the listed individual substances. The material obtained by thermal treatment is inert and its properties are therefore not identical to those of its components.

4. FIRST-AID MEASURES

The following first-aid recommendations assume that the appropriate personal and industrial hygiene practices are followed:

4.1 EYE CONTACT

Remove particle carefully from the affected eye. If needed, remove contact lense. Rinse eye 15 minutes thoroughly with plenty of water. If signs/symptoms persist, seek medical attention.

4.2 SKIN CONTACT

Wash skin with soap and water. If signs/symptoms develop seek medical attention.

4.3 INHALATION

Provide fresh air. If signs/symptoms develop, get medical attention.

4.4 INGESTION

Do not induce vomiting unless instructed to do so by medical personnel. Have the patient drink water. Get medical attention.

5. FIRE FIGHTING MEASURES

5.1 FLASH POINT

Non-flammable.

5.2 FLAMMABLE LIMITS

Autoignition temp:	N/A
Flash point:	N/A
LEL:	N/A
UEL:	N/A

5.2 SUITABLE EXTINGUISHING AGENTS

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

6. ACCIDENTAL RELEASE MEASURES

6.1 METHODS AND MATERIALS FOR RETENTION AND CLEANING

1. Observe precautions from other sections.
2. Collect as much of the spilled material as possible.
3. Clean up residue.
4. Place in a closed container approved for transportation.

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.

7. HANDLING AND STORAGE

7.1 METHODS AND MATERIALS FOR RETENTION AND CLEANING

7.1.1 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.

7.1.2 STORAGE

Not applicable.

7.2 PROTECTIVE MEASURES FOR SAFE STORAGE

Increased risk of slipping due to spilled product.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 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.

8.2 PERSONAL PROTECTION

8.2.1 EYES

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

8.2.2 SKIN

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

8.2.3 RESPIRATORY

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.

8.2.4 WORK/HYGIENE

Employees should wash their hands and face before eating, drinking, or using tobacco products.

8.2.5 OTHER

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

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

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

Eye protection: Full eye zone goggles should be worn.

10. EXPOSURE CONTROLS/PERSONAL PROTECTION

10.1 CHEMICAL STABILITY UNDER NORMAL CONDITIONS

Stable.

10.2 MATERIAL AND CONDITIONS TO AVOID

None known

10.3 HAZARDOUS POLYMERIZATION

Hazardous polymerization will not occur.

10.4 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.

11. TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

Skin corrosion/irritation:	Non irritating
Serious eye damage/irritation:	Non irritating
Respiratory or skin sensitization:	Non irritating
Ingestion:	Non irritating
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

12. ECOLOGICAL INFORMATION

12.1 ECOTOXICITY

<u>Species</u>	<u>Test information</u>	<u>Concentration</u>
Brachydanio rerio	96-hour LC50	> 10 000 ppm (3)
Daphnia magna	24-hour EC50	>>

12.2 ENVIRONMENTAL FATE

<u>Species</u>	<u>Test information</u>	<u>Concentration</u>
Selenastrum capricornutum	72-hour EC50	440 mg/l (6)
Scenedesmus subspicatus	72-hour EC50	> 10 000 mg/l (6)

13. DISPOSAL CONSIDERATIONS

13.1 DEACTIVATING CHEMICALS

None required

13.2 WASTE DISPOSAL METHODS

Dispose of waste material at an approved (hazardous) waste treatment/disposal facility in accordance with applicable local, provincial and federal regulations.

Do not dispose of waste with normal garbage, or to sewer systems.

13.3 DISPOSAL OF PACKAGING

1. Empty containers retain product residue.
2. Treat package in the same manner as the product.
3. Dispose of waste material at an approved landfill site.
4. Recycling is encouraged.

14. TRANSPORTATION INFORMATION

14.1 CANADIAN TDG ACT SHIPPING DESCRIPTION

This product is not regulated by TDG.

Label(s):	Not applicable
Placard:	Not applicable
ERAP Index:	Not applicable
Exemptions:	None known

15. REGULATORY INFORMATION

15.1 CANADA

CEPA – NSNR:	This material is included on the DSL under the CEPA
CEPA – NPRI:	Not included
WHMIS:	The components of the product are listed on the Canadian Domestic Substance List

15.2 USA

Environmental Protection Act:	This material is included on the TSCA Inventory
OSHA HCS (29cfr 1910.1200):	Not regulated
NFPA:	1 Health, 0 Fire, 0 Reactivity (3)
HMIS:	1 Health, 0 Fire, 0 Reactivity (3)

15.3 INTERNATIONAL

EINECS:	Components of the product are on the European Inventory of Existing Chemical Substances
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16. OTHER INFORMATION

16.1 REFERENCES

1. RTECS-Registry of Toxic Effects of Chemical Substances, Canadian Substances, Canadian Centre for Occupational Health and Safety RTECS database.
2. Supplier's Material Safety Data Sheet (s)
3. CHEMINFO chemical profile, Canadian Centre for Occupational Health and Safety, Hamilton, Ontario, Canada
4. Guide to Occupational Exposure Values, 2011, American Conference of Governmental Industrial Hygienists, Cincinnati, 2011
5. The British Columbia Drug and Poison Information Centre, Poison Managements Manual, Canadian Pharmaceutical Association, Ottawa, 1981