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## SAFETY DATA SHEET

Product : **Robco G-Flex**

Date Prepared : May 29th, 2017

### Section 1 - Product and Company Identification

Product Name/Identifier: Robco G-Flex  
Other name / Synonym :  
Company Information : Robco Inc.  
Address : 7200 St.Patrick, LaSalle QC Canada H8N 2W7  
Telephone : 514-367-2252  
Email : info@robco.com  
Website : www.robco.com

### Section 2 - Hazards identification

#### Emergency Overview

Solid polymer, prolonged contact may cause skin & eye irritation. Ingestion may cause gastric distress.

Product is composed of ingredients that, by themselves, may pose an inhalation hazard in the form of dusts.

These ingredients are contained within the extruded polymer and pose no dangers as dust hazards.

**Hazard Symbols for this product:** Not classified.

**Risk Phrases:** None

**Routes of Exposure:** Inhalation, Ingestion, Eyes, Skin Contact

#### Acute Exposure

**Inhalation:** None expected, however, certain individuals may experience minor nausea or headaches.

**Ingestion:** May cause gastric distress, vomiting and diarrhea.

**Eyes:** Contact with eyes may cause irritation.

**Skin Contact:** None expected; however, prolonged contact may cause irritation.

#### Carcinogenicity:

**NTP?** No IARC

**Monographs?** No OSHA

**Regulated?** No

### Section 3 - Composition/information on ingredients

Components .	CAS-No	EINECS No.	Hazard Symbol	Weight %	Risk Phrases (full text section 16)
Zinc Oxide (as zinc)*	1314-13-2	215-222-5	Xn	5 - 10	R-20
Zinc Stearate (as zinc)*	557-05-1	209-151-1	Xi	1- 5	R-37

\* See section 15



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### Section 4 - First aid measures

**Inhalation:**

Remove affected person to fresh air; if symptoms persist seek medical attention.

**Ingestion:**

Give two glasses of water for dilution; DO NOT induce vomiting; never give anything by mouth to an unconscious person; seek medical attention.

**Eyes:**

Check for and remove contact lenses. Flush eyes with water for 15 minutes; if irritation persists, seek medical attention.

**Skin:**

Remove contaminated clothing; wash affected area with soap and water; launder contaminated clothing before reuse; if irritation persists, seek medical attention.

### Section 5 - Firefighting measures

**General Hazards:**

Product is not considered flammable or combustible. Products of combustion include compounds of carbon, hydrogen, nitrogen and oxygen, including carbon monoxide.

**Suitable Extinguishing Media:**

Carbon dioxide, water, water fog, dry chemical, chemical foam.

**Special Fire Fighting Procedures:**

Firefighters must wear full-face self-contained breathing apparatus in positive pressure mode. Runoff may cause pollution.

**Unusual Fire/Explosion Hazards:**

None

**Hazardous Combustion Products:**

Smoke, fumes or vapors, oxides of carbon and nitrogen.

### Section 6 - Accidental release measures

**Steps to be Taken in Case Material is Released or Spilled:** Recover and segregate product for reuse; shovel product into approved container for disposal; refer to SARA Title III, Section 313, 40 CFR 372 for complete regulations concerning reporting requirements. SARA regulated zinc is contained within the extruded, vulcanized product. However, zinc compounds may leach from the polymer in the environment, posing a disposal hazard.

### Section 7 - Handling and storage

**Precautions to be Taken in Handling and Storage:**

Keep container closed when not in use; protect containers from abuse; store containers in cool, dry area.

Keep this and other chemicals out of reach of children



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## Section 8 - Exposure controls/personal protection

### Respiratory Protection:

None required

### Eye/Face Protection:

Safety glasses with side-shields recommended for general protection (refer to 29 CFR 1910.133 or European Standard EN166).

### Hand Protection:

Protective gloves recommended for general protection

### Other Protective Clothing or Equipment:

Safety eyewash station nearby, safety shoes

### Work / Hygiene Practices:

Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.

Components .	NIOSH				ACGIH			
	TWA ppm	TWA mg/m3	STEL ppm	STEL mg/m3	TWA ppm	TWA mg/m3	STEL ppm	STEL mg/m3
Zinc Oxide (as zinc)*	--	5	--	10	--	5	--	10
Zinc Stearate (as zinc)*	--	10	--	--	--	--	--	--

\* See section 15

## Section 9 - Physical and chemical properties

<b>Appearance (physical state, color, etc.)</b>	Black, Polymeric Solid
<b>Odor</b>	Characteristic rubber odor
<b>Odor Threshold</b>	No information available
<b>pH</b>	Not applicable.
<b>Flash Point</b>	Non-flammable
<b>Upper/Lower Flammability or Explosive Limits</b>	Not applicable
<b>Vapor Pressure</b>	Not applicable
<b>Vapor Density</b>	Not determined
<b>Specific Gravity</b>	Not determined
<b>Water Solubility</b>	Negligible
<b>Auto-ignition Temperature</b>	Not determined
<b>Viscosity</b>	Solid

## Section 10 - Stability and reactivity

### Stability:

Stable



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**Hazardous Polymerization:**

Will not occur

**Conditions to Avoid:**

None

**Incompatibility (Materials to Avoid):**

Strong oxidizers, strong acids

**Hazardous Decomposition or Byproducts:** Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon, hydrocarbons, fumes or vapors, and smoke may be produced.

**Section 11 - Toxicological Information**

Components .	CAS-No. EINECS No.	LD50 of Ingredient (Specify Species and Route)	LC50 of Ingredient (Specify Species)
Zinc Oxide (as zinc)*	1314-13-2 215-222-5	7950 mg/kg oral - mouse	2500 mg/m3 inhalation - mouse
Zinc Stearate (as zinc)*	557-05-1 209-151-9	> 10,000mg/kg oral - rat	Not established

\* See section 15

**Section 12 - Ecological information**

No data is available on the adverse effects of this material on the environment. Neither COD nor BOD data are available. Based on the chemical composition of this product it is assumed that the mixture can be treated in an acclimatized biological waste treatment plant system in limited quantities. However, such treatment should be evaluated and approved for each specific biological system.

None of the ingredients in this mixture are classified as a Marine Pollutant.

**Section 13 - Disposal considerations****Waste Disposal Method:**

Dispose of in accordance with Local, State, and Federal Regulations. Product is classified as non - hazardous, however, non-hazardous materials may become hazardous waste upon contact with other products.

Refer to "40 CFR Protection of Environment Parts 260 - 299" for complete waste disposal regulations. Consult your local, state, or Federal Environmental Protection Agency before disposing of any chemicals.

According to the European Waste Catalogue, waste codes are application specific and should be assigned by the user based on the application for which the product is used.



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### Section 14 - Transport information

**Proper Shipping Name:** Not regulated  
**DOT Hazard Class / Pack Group:** Not regulated  
**Reference:** Not applicable  
**UN/NA Identification Number:** None  
**IATA Hazard Class / Pack Group:** Not regulated  
**IMDG Hazard Class:** Not regulated  
**RID/ADR Dangerous Goods Code:** Not regulated  
**UN TDG Class / Pack Group:** Not regulated  
**Label:** None required  
**Hazard Symbols:** None

Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 - 177, IMDG, IATA, EU, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

### Section 15 - Regulatory information

#### **TSCA (USA - Toxic Substance Control Act):**

All components of this product are listed on the U.S. Toxic Substances Control Act Chemical Inventory (TSCA Inventory) or are exempted from listing because a Low Volume Exemption has been granted in accordance with 40 CFR 723.50.

#### **SARA Title III (USA - Superfund Amendments and Reauthorization Act):**

**311/312 Hazard Categories:** None

\* **313 Reportable Ingredients:** Indicates a toxic chemical subject to annual reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

**CERCLA (USA - Comprehensive Response Compensation and Liability Act):** None

#### **CPR (Canadian Controlled Products Regulations):**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

**WHMIS Classification:** Not controlled

#### **IDL (Canadian Ingredient Disclosure List):**

Components of this product identified by CAS number and listed on the Canadian Ingredient Disclosure List are shown in Section 2.

#### **DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List):**

Components of this product identified by CAS number are listed on the DSL or NDSL, or Substances Notification (NSN) regulations. Only ingredients classified as "hazardous" are listed in Section 2 unless otherwise indicated.

#### **EINECS (European Inventory of Existing Commercial Chemical Substances):**

Components of this product identified by CAS numbers are on the European Inventory of Existing Commercial Chemical Substances.



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**WGK Water Quality Index:** Nwg  
**VbK Index:** Not applicable  
**Risk Phrases:** Not classified  
**Symbol(s) Required for Label:** Not classified  
**Safety Phrases:**  
S2 Keep out of the reach of children  
S24/25 Avoid contact with skin and eyes

### Section 16 - Other information

**Notes & Full R-Phrase Text:**  
R20 Harmful by inhalation  
R37 Irritating to respiratory system

#### HMIS Hazard Ratings

**Health 1**

**Flammability 0**

**Physical Hazard 0**

\* = Chronic Health Hazard

4 = Extreme

3 = High

2 = Moderate

0 = Insignificant

1 = Slight

Personal Protective Equipment A Safety Glasses

#### Disclaimer :

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, storage, transportation and release and is not considered a warranty or quality specification. The responsibility for the compliance with existing law and regulations lies with the receiver of the product.