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## SAFETY DATA SHEET

Product : **BOP Ram Seal Set - Enviropak**

Date Prepared : May 31th, 2017

### Section 1 - Product and Company Identification

Product Name/Identifier : BOP Ram Seal Set - Enviropak  
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

No unusual conditions are expected from this product. Inhalation of the thermal decomposition products, arising from high temperature or fire, is hazardous to health

#### Inhalation

Inhalation of fumes from burning or heating above 600 °F (315 °C) can cause polymer fume fever.

#### Skin

Cutting or abrading this material may produce small amounts of glass fiber particulates which may cause skin irritation.

#### Eyes

Not a likely route of entry.

#### Ingestion

Not a likely route of entry. Ingestion can cause gastrointestinal tract irritation.

### Section 3 - Composition/information on ingredients

Chemical Name	CAS No.	Wt %
Fiberglass fabric	65997-17-3	74
Polytetrafluoroethylene (PTFE)	9002-84-0	22
Titanium dioxide	13463-67-7 Y	4

### Section 4 - First aid measures

#### Inhalation

Remove from further exposure. If cough or other symptoms develop, seek medical attention.

#### Skin Contact

If skin becomes irritated, do not rub or scratch. Wash the affected area with soap and water.

#### Eye Contact

If eyes become irritated, flush immediately with lukewarm water for 15 minutes.

#### Ingestion

Drink plenty of water to reduce irritation. If irritation persists, seek medical attention.



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### Section 5 - Firefighting measures

Autoignition point: 900 °F (482°C)

Extinguishing media: Water

#### Special fire fighting protective equipment

Self-contained breathing apparatus with full face piece and protective clothing if involved in a fire with other materials.

#### Unusual fire and explosion hazards

Product will emit toxic fumes at high temperatures.

### Section 6 - Accidental release measures

#### Steps To Be Taken In Case Material Is Released Or Spilled

Material is a solid. Pick up the larger pieces and wet sweep or vacuum up any scraps. Place in a suitable container for disposal as a non-hazardous waste.

### Section 7 - Handling and storage

#### Handling

Handle in a manner consistent with good and safe industrial techniques and practices.

**Storage:** Store in cool, dry, conditions.

### Section 8 - Exposure controls/personal protection

#### Exposure Limits

Polytetrafluoroethylene (PTFE) : None

Pigment : None

#### Fibrous glass dust

5 mg/m<sup>3</sup> – inhalable

0,1 mg/m<sup>3</sup> – respirable

10 mg/m<sup>3</sup> – total dust

#### Ventilation

Use local exhaust or general room dilution to maintain employee exposures below occupational exposure limits.

#### Respiratory Protection

Under normal use conditions, airborne exposures are not expected to be significant enough to require respiratory protection.

#### Eye Protection

As generally good practice, safety glasses with side shields should be worn.

### Section 9 - Physical and chemical properties

Boiling point:	None
Specific gravity:	2.3
Softening point:	not applicable
Melting point:	not applicable
Vapor density:	not applicable
Percent volatile:	not applicable

Evaporation rate:	not applicable
Solubility in water:	not applicable
Odor-appearance-color:	Not available

## Section 10 - Stability and reactivity

**Stability:** Stable

### Incompatibility (material to avoid)

Strong oxidizers, acids, and bases

### Hazardous decomposition products

Thermal decomposition may produce toxic and corrosive gaseous products.

### Hazardous polymerization

Will not occur

## Section 11 - Toxicological Information

### Carcinogenic status

Fiberglass (continuous filament): IARC Group 3 carcinogen (Not classifiable as to carcinogenicity to humans).

### Immediate (acute) effects

No acute effects have been identified.

### Delayed effects

No delayed or chronic effects have been identified.

### Inhalation

During normal handling conditions, inhalation in excess of the exposure limits is not likely to occur. Inhalation of thermal decomposition products including hydrogen fluoride, perfluoroisobutylene, and carbonyl fluoride may be produced. Inhalation may result in serious lung irritation. Symptoms of exposure may include chills, headache, nausea, and breathing discomfort, cough, or sore throat (polymer fume fever). These symptoms generally disappear with 24-48 hours.

## Section 12 - Ecological information

This product has no known eco-toxicological effects. It is considered to be an inert solid waste.

## Section 13 - Disposal considerations

### Waste disposal method

Can be landfilled in compliance with provincial and local environmental control regulations. Do not incinerate unless incinerator is capable of scrubbing hydrogen fluoride and other acidic combustion products. Dispose of as any other innocuous material. Product is not considered a hazardous waste.

## Section 14 - Transport information

Not regulated per ADR/RID, IMDG and IATA.



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### Section 15 - Regulatory information

**TSCA Status:** All ingredients are TSCA listed.

**311/312 Hazard Categories:** None.

Manufactured in accordance with EC Commission Directive 1907/2006 (REACH) (Artikel 31, Annex II)

### Section 16 - Other information

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.