



**(HDS) HOJA DE DATOS DE SEGURIDAD PARA SUSTANCIAS QUIMICAS RIESGOSAS**  
**ExBar@W**

**DATOS GENERALES DEL RESPONSABLE DE LA SUSTANCIA QUIMICA**

**NOMBRE DEL FABRICANTE O IMPORTADOR: EN CASO DE EMERGENCIA COMUNICARSE A:**

CHYLEX, S.A. DE C.V. TEL (81) 81236045 Y 46

**DOMICILIO:** AV. MULTITECH NO. 126 PARQUE INDUSTRIAL MULTITECH, C.P. 66367 SANTA CATARINA N.L. MEXICO

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**EN CASO DE EMERGENCIA COMUNICARSE AL TELEFONO:** (81) 81-23-60-45 Y 46 EMAIL: [logistica@chylex.com.mx](mailto:logistica@chylex.com.mx)

**1.-IDENTIFICATION**

**1.1) PRODUCT IDENTIFIER:**

Product name: ExBar@W

**1.2) ONTHER MEANS OF IDENTIFICATION:**

Product Code: NDF00031

Synonyms: ExBar@W300; ExBar@W325; ExBar@W400; ExBar@W3; ExBar@W2; ExBar@W1

**1.3) RECOMMENDED USE OF THE CHEMICAL AND RESTRICTIONS ON USE:**

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**1.4) EMERGENCY TELEPHONE NUMBER:**

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**2.-HAZARDS IDENTIFICATION**

**2.1) CLASSIFICATION**

Carcinogenicity: Category 1A- (H350)

**2.2) LABEL ELEMENTS:**

**DANGER:**

**Hazard Statements:** May cause cancer.

**Apparance:** Powder

**Physical state:** Solid

**Odor:** Odorless.



**2.3) PRECAUTIONARY STATEMENTS - PREVENTION:**

- Obtaib special instructions before use.
- Do not handle until safety precautions have been read and understood.
- Use personal protective equipament as requerid.

**2.4) PRECAUTIONARY STATEMENTS - RESPONSE:**

- If exposed or concerned Get medical advice/attention.

**2.5) PRECAUTIONARY STATEMENTS - STORAGE:**

- Store locked up.

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## 2.6) PRECAUTIONARY STATEMENTS - DISPOSAL:

-Dispose of contents/container to an approved waste disposal plant.

## 2.7) OTHER INFORMATION:

Unknown acute toxicity:

-3% of the mixture consists of ingredient(s) of unknown toxicity.

-1% of the mixture consists of ingredient(s) of unknown acute oral toxicity.

-2% of the mixture consists of ingredient(s) of unknown acute dermal toxicity.

-3% of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).

-3% of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor).

-3% of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

## 3.-COMPOSITION ON INGREDIENTS

### 3.1) SUBSTANCE

Not applicable.

### 3.2) MIXTURE:

CHEMICAL NAME	CAS NO.	WEIGHT-%	HAZARDOUS MATERIAL INFORMATION REVIEW ACT REGISTRY NUMBER (HMIRA REGISTRY #)	DATE HMIRA FILED AND DATE EXEMPTION GRANTED (IF APPLICABLE)
Barium sulfate	7727-43-7	96-100	-	-
Quartz	14808-60-7	<=0.1	-	-
Limestone	1317-66-3	0.5-1.5	-	-
Kaolin	1332-58-7	0.5-1.5	-	-

Respirable Silica: The amount of respirable silica (<10 microns) is typically less than 0.1%

## 4.-FIRST AID MEASURES

### 4.1) DESCRIPTION OF FIRST AID MEASURES:

**Inhalation:** Remove to fresh air.

**Eye Contact:** Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

**Skin contact:** Wash skin with water.

**Ingestion:** Clean mouth with water and drink afterwards plenty of water.

### 4.2) MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

**Symptoms:** No information available.

### 4.3) INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

**Note to physicians:** Treat symptomatically.

## 5.-FIRE-FIGHTING MEASURES

### 5.1) SUITABLE EXTINGUISHING MEDIA:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

### 5.2) UNSUITABLE EXTINGUISHING MEDIA:

CAUTION: Use of water spray when fighting fire may be

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### 5.3) SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

No information available.

### 5.4) EXPLOSION DATA: Sensitivity to Mechanical Impact: None.

Sensitivity to Static Discharge: None.

### 5.5) SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS:

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6.- ACCIDENTAL RELEASE MEASURES

### 6.1) PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

-Personal precautions: Ensure adequate ventilation.

### 6.2) ENVIRONMENTAL PRECAUTIONS:

-See Section 12 for additional Ecological information.

### 6.3) METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP:

-Methods for containment: Prevent further leakage or spillage if safe to do so.

-Methods for cleaning up: pick up and transfer to properly labeled containers.

-Prevention of secondary hazards: Clean contaminated objects and areas thoroughly observing environmental regulations.

## 7.- HANDLING AND STORAGE

### 7.1) PRECAUTIONS FOR SAFE HANDLING:

-Advice on safe handling: Handle in accordance with good industrial hygiene and safety practice.

### 7.2) CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

-Storage Conditions: Keep containers tightly closed in a dry, cool, and well-ventilated place.

## 8.- EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1) EXPOSURE LIMITS:

CHEMICAL NAME	ACGIH TLV	OSHA PEL	NIOSH IDLH
Barium sulfate 7727-43-7	TWA: 5 mg/m <sup>3</sup> inhalable particulate matter, particulate matter containing no asbestos and <1% crystalline silica.	TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated). TWA: 10 mg/m <sup>3</sup> total dust (vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction	TWA: 10 mg/m <sup>3</sup> total dust mg/m <sup>3</sup> respirable dust Twa: 5
Quartz 14808-60-7	TWA: 0.025 mg/m <sup>3</sup> respirable particulate matter	TWA: 50 µg/m <sup>3</sup> TWA: 50 µg/m <sup>3</sup> excludes construction work, agricultural operations, and exposures that result from the processing of sorptive dusts (vacated) TWA: 0.1 mg/m <sup>3</sup> respirable dust: (250)/(%SiO <sub>2</sub> +5) mppcf TWA respirable fraction (10)/(%SiO <sub>2</sub> +2) mg/m <sup>3</sup> TWA respirable fraction.	IDLH: 50 mg/m <sup>3</sup> respirable dust TWA: 0.05 mg/m <sup>3</sup> respirable dust
Limestone 1317-65-3	-	TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated). TWA: 15 mg/m <sup>3</sup> total dust (vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction	TWA: 10 mg/m <sup>3</sup> total dust mg/m <sup>3</sup> respirable dust Twa: 5
Kaolin 1332-58-7	TWA: 2 mg/m <sup>3</sup> particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter.	TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> total fraction TWA: 10 mg/m <sup>3</sup> total dust (vacated). TWA: 5 mg/m <sup>3</sup> respirable fraction	TWA: 10 mg/m <sup>3</sup> total dust mg/m <sup>3</sup> respirable dust Twa: 5

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CHEMICAL NAME	ALBERTA	BRITISH COLUMBIA	ONTARIO TWA	QUEBEC
Barium sulfate 7727-43-7	TWA: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> TWA: 3 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>
Quartz 14808-60-7	TWA: 0.025 mg/m <sup>3</sup>	TWA: 0.025 mg/m <sup>3</sup>	TWA: 0.10 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>
Limestone 1317-65-3	TWA: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> TWA: 3 mg/m <sup>3</sup> STEL: 20 mg/m <sup>3</sup>	-	TWA: 10 mg/m <sup>3</sup>
Kaolin 1332-58-7	TWA: 2 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>

#### 8.2) OTHER INFORMATION:

Vacated limits revoked by the Count of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992)

#### 8.3) APPROPRIATE ENGINEERING CONTROLS:

**Engineering controls:** Showers, Eyewash station.

#### 8.4) INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT:

Eye/face protection: No special protective equipment required.

Skin and body protection: No special protective equipment required.

Respiratory protection: No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations: Handle in accordance with good individual hygiene and safety practice.

## 9.- PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1) INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:

**-Physical state:** Solid.

**-Appearance:** Powder.

**-Odor:** Odorless.

**-Color:** White to beige.

**-Odor threshold:** No information available.

PROPERTY	VALUES	REMARKS - METHOD
pH	8.1	5% Solution
Melting point/freezing point	1580 °C/2876 °F	
Boiling point/boiling range		No information available
Flash point		No information available
Evaporation rate		No information available
Flammability (solid, gas)		No information available
Flammability Limit in Air		No information available
Upper flammability limit:		
Lower flammability limit:		
Vapor pressure		No information available
Vapor density		No information available

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Specific Gravity	>= 4.4	
Water solubility	Insoluble in water	
Solubility in other solvents		No information available
Partition coefficient		No information available
Autoignition temperature		No information available
Descomposition temperature		No information available
Kinematic viscosity		No information available
Dynamic viscosity		No information available
Explosive properties	No information available	
Oxidizing properites	No information available	
<b><u>Other Information</u></b>		
Softening point	No information available	
Molecular weight	No information available	
VOC Content (%)	No information available	
Density	No information available	
Bulk density	No information available	

## 10.- STABILITY AND REACTIVITY

### 10.1) REACTIVITY:

No information available.

### 10.2) CHEMICAL STABILITY:

Stable under normal conditions.

### 10.3) POSSIBILITY OF HAZARDOUS REACTIONS:

None under normal processing.

### 10.4) POSSIBILITY OF HAZARDOUS REACTIONS:

None under normal processing.

### 10.5) CONDITIONS TO AVOID:

None known based on information supplied.

### 10.6) INCOMPATIBLE MATERIAL

None known based on information supplied.

### 10.5) CONDITIONS TO AVOID:

None known based on information supplied.

## 11.- TOXICOLOGICAL INFORMATION

### 11.1) INFORMATION ON LIKELY ROUTES OF EXPOSURE:

#### Product information:

**Inhalation:** Specific test data for the substance or mixture is not available.

**Eye contact:** Specific test data for the substance or mixture un not available

**Skin contact:** Specific test data for the substance or mixture is not available.

**Ingestion:** Specific test data for the substance or ,mixturen is not available.

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**11.2) INFORMATION ON TOXICOLOGICAL EFFECTS:**

Symptoms: No information available.

**11.3) NUMERICAL MEASURES OF TOXICITY:**

Acute toxicity

The following values are calculated based on chapter 3.1 of the GHS document.

Unknown acute toxicity.

1% of the mixture consists of ingredient(s) of unknown acute oral toxicity.

2% of the mixture consists of ingredient(s) of unknown acute dermal toxicity.

3% of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).

3% of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor).

3% of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

**11.4) COMPONENT INFORMATION:**

CHEMICAL NAME	ORAL LD50	DERMAL LD50	INHALATION LC50
Barium sulfate 7727-43-7	= 307000 mg/kg (Rat)	-	-
Kaolin 1332-58-7	> 5000 mg/kg (Rat)	> 5000 mg/kg (Rat)	-

**11.5) DELAYED AND IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT AND LONG-TERM EXPOSURE.**

**Skin corrosion/irritation:** No information available.

**Serious eye damage/eye irritation:** No information available.

**Respiratory or skin sensitization:** No information available.

**Germ cell mutagenicity:** No information available.

**Carcinogenicity:** No information available.

CHEMICAL NAME	ACGIH	IARC	NTP	OSHA
Quartz 14808-60-7	A2	Group 1	Known	X

**Reproductive toxicity:** No information available.

**STOT - single exposure:** No information available.

**STOT - repeated exposure:** No information available.

**Target Organ Effects:** Eyes, lungs, respiratory system, Skin.

**Aspiration hazard:** No information available.

**12.- ECOLOGICAL INFORMATION****12.1) ECOTOXICITY:**

The environmental impact of this product has not been fully investigated

**12.2) PERSISTENCE AND DEGRADABILITY:**

No information available.

**12.3) BIOACCUMULATION:**

No information available.

**12.4) OTHER ADVERSE EFFECTS:**

No information available.

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### 13.- DISPOSAL CONSIDERATIONS

#### 13.1) WASTE TREATMENT METHODS:

Waste from residues/unused products: Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging: Do not reuse empty containers.

### 14.- TRANSPORT INFORMATION

14.1) DOT: Not regulated.

14.2) TDG: Not regulated.

14.3) MEX: Not regulated.

14.4) ICAO (AIR): Not regulated.

14.5) IATA: Not regulated.

14.6) IMDG: Not regulated.

14.7) RID: Not regulated.

14.8) ADR: Not regulated.

14.9) ADN: Not regulated.

### 15.- REGULATORY INFORMATION

#### 15.1) REGULATORY INFORMATION:

##### International Regulations:

**Ozone-depleting substances (ODS):** Not applicable.

**Persistent Organic Pollutants:** Not applicable.

**Export Notification requirements:** Not applicable.

#### 15.2) INTERNATIONAL INVENTORIES:

**TSCA:** Complies.

**DSL/NDSL:** Complies.

**EINECS/ELINCS:** Complies.

**ENCS:** Complies.

**IECSC:** Complies.

**KECL:** Complies.

**PICCS:** Complies.

**AICS:** Complies.

**NZIoC:** Complies.

##### **Legend:**

**TSCA:** United States Toxic Substances Control Act Section 8 (b) Inventory.

**DSL/NDSL:** Canadian Domestic Substances List/Non-Domestic Substances List.

**EINECS/ELINCS:** European Inventory of Existing Chemical Substances/european List of Notified Chemical Substances.

**ENCS:** Japan Existing and New Chemical Substances.

**IECSC:** China Inventory of Existing Chemical Substances.

**KECL:** Korean Existing and Evaluated Chemical Substances

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**PICCS:** Philippines Inventory of Chemicals and Chemical Substances.

**AICS:** Australian Inventory of Chemical Substances.

**NZIoC:** New Zealand Inventory of Chemicals.

### 15.3) US FEDERAL REGULATIONS:

#### **SARA 313:**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

#### **SARA 311/312 HAZARD CATEGORIES:**

Acute health hazard	Yes
Chronic Health hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

#### **CWA (CLEAN WATER ACT):**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

#### **CERCLA:**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA)(40 CFR355)

There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

### 15.4) US STATE REGULATIONS:

#### **California Proposition 65:**

This product contains the following Proposition 65 chemicals.

-Chemical Name: Quartz-14808-60-7

-California Proposition 65: Carcinogen.

### 15.5) U.S. STATE RIGHT-TO-KNOW REGULATIONS:

-U.S. State regulations

CHEMICAL NAME	NEW JERSEY	MASSACHUSETTS	PENNSYLVANIA
Barium Sulfate 7727-43-7	X	X	X
Kaolin 1332-58-7	X	X	X
Quartz 14808-60-7	X	X	X

-U.S. EPA LABEL INFORMATION:

-EPA Pesticide Registration Number: No Applicable.

## 16.- OTHER INFORMATION

**16.1) NFPA:** Health hazards 0 Flammability: 0 Instability: 0 Physical and chemical properties: -

**HMIS:** Health hazards 0 Flammability: 0 Physical hazards: 0 Personal protection: X

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