

In accordance with OSHA 29 CFR 1910.1200

XL BRANDS LEVEL-1 Revision Number 1 Revision date 30-Aug-2021 Supersedes Date: Not applicable

1. Identification

1.1. Product identifier

Product Name XL BRANDS LEVEL-1

Other means of identification

Other information Not applicable

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use Primers

Restrictions on use No information available

1.3. Details of the supplier of the safety data sheet

Responsible Party

Bostik Inc.

11320 W. Watertown Plank Road Wauwatosa, Wisconsin 53226 USA

Phone: +1 (800) 843-0844 (Domestic Toll Free) Phone: +1 (414) 774-2250 (International)

Fax: +1 (414) 774-8075

E-mail msds@bostik.com

1.4. Emergency telephone number

Emergency Telephone Chemtrec (Transport/Environmental): 1-800-424-9300

1-703-527-3887 (Outside U.S.)

Rocky Mountain Poison Center: 1-866-767-5089

2. Hazard(s) identification

2.1. Classification of the substance or mixture

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Skin sensitization	Category 1
Carcinogenicity	Category 1A
Specific target organ toxicity (repeated exposure)	Category 1

Hazards not otherwise classified (HNOC)

Not applicable

2.2. Label elements

EMERGENCY OVERVIEW

Danger

Hazard statements

Causes skin irritation

Causes serious eye damage

May cause an allergic skin reaction

May cause cancer

Causes damage to organs through prolonged or repeated exposure

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Appearance Powder

Physical state Solid

Odor No information available

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Precautionary Statements - Prevention

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Wear protective gloves/protective clothing/eye protection/face protection

Wash face, hands and any exposed skin thoroughly after handling

Contaminated work clothing must not be allowed out of the workplace

Do not breathe dust/fume/gas/mist/vapors/spray

Do not eat, drink or smoke when using this product

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

Immediately call a POISON CENTER or doctor IF ON SKIN: Wash with plenty of water and soap

Take off contaminated clothing and wash it before reuse

If skin irritation or rash occurs: Get medical advice/attention

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/ container to an approved waste disposal plant

57 % of the mixture consists of ingredient(s) of unknown toxicity

2.3. Other Information

When cement reacts with water a strong alkaline solution is produced. Prolonged contact with wet cement or wet concrete may cause serious burns because they develop without pain being felt e.g. when kneeling in wet cement even when wearing trousers. Frequent inhalation of large quantities of cement dust over a long period of time increases the risk of developing lung disease. Product dust may be irritating to eyes, skin and respiratory system. Repeated exposure may cause skin dryness or cracking.

3. Composition/information on ingredients

3.1. Substances

Not applicable.

Mixture

Chemical name	CAS No.	Weight-%
Quartz	14808-60-7	30 - 60
Limestone	1317-65-3	10 - 30
Cement, alumina, chemicals	65997-16-2	5 - <10
Cement, portland, chemicals	65997-15-1	3 - <7
Calcium Sulfoaluminate Cement	960375-09-1	1 - <5
Calcium sulfate dihydrate	10101-41-4	1 - <5

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Carbonic acid, magnesium salt (1:1)	546-93-0	1 - <5
Calcium sulfate	7778-18-9	1 - <5

^{*}The exact percentage (concentration) of composition has been withheld as a trade secret

4. First-aid measures

4.1. Description of first aid measures

Inhalation Remove to fresh air. Get medical attention immediately if symptoms occur.

Eye contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and

continue flushing for at least 15 minutes. Do not rub affected area. Consult an

ophthalmologist.

Skin contact Brush off loose particles from skin. Wash off immediately with plenty of water for at least 15

minutes. Take off contaminated clothing and wash before reuse. May cause sensitization

by skin contact. In the case of skin irritation or allergic reactions see a physician.

Ingestion Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious

person. Do not induce vomiting without medical advice. If swallowed, call a poison control

center or physician immediately.

Self-protection of the first aider Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

4.2. Most important symptoms and effects, both acute and delayed

Symptoms Burning sensation. Itching. Rashes. Hives. Causes serious eye damage. Irritating to skin.

Inhalation of dust in high concentration may cause irritation of respiratory system. When cement reacts with water a strong alkaline solution is produced. Prolonged contact with wet cement or wet concrete may cause serious burns because they develop without pain

being felt e.g. when kneeling in wet cement even when wearing trousers.

4.3. Indication of any immediate medical attention and special treatment needed

Note to physicians May cause sensitization in susceptible persons. Treat symptomatically.

5. Fire-fighting measures

5.1. Extinguishing media

surrounding environment.

Large Fire CAUTION: Use of water spray when fighting fire may be inefficient.

Unsuitable extinguishing media Do not scatter spilled material with high pressure water streams.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the

Product is or contains a sensitizer. May cause sensitization by skin contact.

chemical

Hazardous combustion products Carbon dioxide (CO2). Sulfur oxides. Silicon dioxide.

Explosion data

Sensitivity to mechanical impact None.

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Sensitivity to static discharge None.

5.3. Advice for firefighters

Special protective equipment for

fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH

(approved or equivalent) and full protective gear.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Avoid generation of dust. Do not breathe dust.

Other information Refer to protective measures listed in Sections 7 and 8.

6.2. Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

6.3. Methods and material for containment and cleaning up

Methods for containmentCover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry.

Prevent dust cloud.

Methods for cleaning up

Use appropriate personal protective equipment (PPE). Carefully shovel or sweep up spilled

material and place in suitable container. Avoid generating dust. Do not dry sweep dust. Wet dust with water before sweeping or use a vacuum to collect dust. Clean contaminated

surface thoroughly.

Reference to other sections See section 8 for more information. See section 13 for more information.

7. Handling and storage

7.1. Precautions for safe handling

Advice on safe handling Use personal protective equipment as required. Ensure adequate ventilation. Avoid

generation of dust. Do not breathe dust. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling. Take off contaminated clothing and wash before reuse.

7.2. Conditions for safe storage, including any incompatibilities

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

Keep out of the reach of children. Keep the packing dry and well sealed to prevent

contamination and absorption of humidity. Protect from moisture.

7.3 References to other sections

Reference to other sections Section 10: STABILITY AND REACTIVITY

Section 13: DISPOSAL CONSIDERATIONS

8. Exposure controls/personal protection

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8.1. Control parameters

Exposure Limits

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Quartz	TWA: 0.025 mg/m³ respirable	TWA: 50 μg/m³	IDLH: 50 mg/m ³ respirable
14808-60-7	particulate matter	TWA: 50 µg/m³ excludes	dust
		construction work, agricultural	TWA: 0.05 mg/m³ respirable
		operations, and exposures that	dust
		result from the processing of	
		sorptive clays	
		(vacated) TWA: 0.1 mg/m ³	
		respirable dust	
		: (250)/(%SiO2 + 5) mppcf	
		TWA respirable fraction	
		: (10)/(%SiO2 + 2) mg/m ³	
		TWA respirable fraction	
Limestone	-	TWA: 15 mg/m³ total dust	TWA: 10 mg/m³ total dust
1317-65-3			TWA: 5 mg/m³ respirable dust
		fraction	
		(vacated) TWA: 15 mg/m³ total	
		dust	
		(vacated) TWA: 5 mg/m ³	
	40 / 3/1 / 15 / 3/	respirable fraction	
Cement, alumina, chemicals 65997-16-2	10 mg/m³(total; 5 mg/m³(resp)	-	-
Cement, portland, chemicals	TWA: 1 mg/m³ particulate	TWA: 15 mg/m³ total dust	IDLH: 5000 mg/m ³
65997-15-1	matter containing no asbestos	TWA: 5 mg/m³ respirable	TWA: 10 mg/m³ total dust
	and <1% crystalline silica,		TWA: 5 mg/m ³ respirable dust
	respirable particulate matter	(vacated) TWA: 10 mg/m³ total	
		dust	
		(vacated) TWA: 5 mg/m ³	
		respirable fraction	
		TWA: 50 mppcf <1% Crystalline	
		silica	
Calcium sulfate dihydrate	TWA: 10 mg/m³ inhalable	-	-
10101-41-4	particulate matter		
Carbonic acid, magnesium salt	-	-	TWA: 10 mg/m³ total dust
(1:1)			TWA: 5 mg/m ³ respirable dust
546-93-0			
Calcium sulfate	TWA: 10 mg/m³ inhalable	TWA: 15 mg/m³ total dust	TWA: 10 mg/m³ total dust
7778-18-9	particulate matter		TWA: 5 mg/m³ respirable dust
		fraction	
		(vacated) TWA: 15 mg/m ³	
		(vacated) TWA: 5 mg/m ³	
		respirable fraction	

Chemical name	Argentina	Brazil	Chile	Colombia
Quartz	TWA: 0.05 mg/m ³	TWA: 0.025 mg/m ³	LPP: 0.08 mg/m ³	TWA: 0.025mg/m ³
14808-60-7				
Limestone 1317-65-3	TWA: 10 mg/m ³	-	LPP: 7 mg/m ³	-
Cement, portland, chemicals 65997-15-1	TWA: 10 mg/m ³	TWA: 1 mg/m ³	LPP: 8.8 mg/m ³	TWA: 1mg/m³
Calcium sulfate dihydrate 10101-41-4	-	TWA: 10 mg/m ³	-	TWA: 10mg/m ³

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Calcium sulfate 7778-18-9	TWA: 10 mg/m ³	TWA: 10 mg/m ³	-	TWA: 10mg/m ³
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Chemical name	Costa Rica	Peru	Uruguay	Venezuela
Quartz 14808-60-7	TWA: 0.025mg/m ³	TWA: 0.05mg/m ³	0.025 mg/m ³ TWA (respirable particulate matter)	TWA: 0.025 mg/m ³
Cement, portland, chemicals 65997-15-1	TWA: 1mg/m³	TWA: 10mg/m ³	1 mg/m³ TWA (particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter)	TWA: 10 mg/m ³
Calcium sulfate dihydrate 10101-41-4	TWA: 10mg/m³	-	10 mg/m³ TWA (inhalable particulate matter, listed under Calcium sulfate)	-
Calcium sulfate 7778-18-9	TWA: 10mg/m ³	TWA: 10mg/m ³	10 mg/m³ TWA (inhalable particulate matter)	TWA: 10 mg/m ³

8.2. Exposure controls

Appropriate engineering controls

Engineering controls Showers

Eyewash stations Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Tight sealing safety goggles. Avoid contact with eyes. If splashes are likely to occur:. Face

protection shield.

Hand protection Wear suitable chemical resistant gloves. The selection of suitable gloves does not only

depend on the material, but also on further marks of quality and various manufacturers.

Skin and body protection Wear suitable protective clothing. Long sleeved clothing.

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved

respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be

provided in accordance with current local regulations.

General hygiene considerations Wear suitable gloves and eye/face protection. Handle in accordance with good industrial

hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not breathe dust. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Take off contaminated clothing and wash it before

reuse. Regular cleaning of equipment, work area and clothing is recommended.

9. Physical and chemical properties

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9.1. Information on basic physical and chemical properties

Physical state Solid Powder **Appearance** Color Gray

No information available Odor **Odor threshold** No information available

Property Values Remarks • Method

No data available pН

pH (as aqueous solution) No data available None known No data available Melting point / freezing point

Initial boiling point and boiling Not applicable .

range

Flash point Not applicable . **Evaporation rate** Not applicable. **Flammability** No data available

None known Flammability Limit in Air None known

Upper flammability or explosive No data available

limits

Lower flammability or explosive No data available

limits

No data available None known Vapor pressure No data available Relative vapor density None known Relative density No data available None known

Water solubility Cement based products react and

solidify in contact with water

No data available Solubility(ies) None known Partition coefficient No data available None known **Autoignition temperature** No data available None known **Decomposition temperature** No data available None known

Kinematic viscosity **Dynamic viscosity**

9.2. Other information

No information available **Explosive properties Oxidizing properties** No information available No information available Solvent content (%)

Solid content (%) 100 **Softening Point** Not relevant

Molecular weight No information available

VOC Content (%) 0 % 0 g/L

Density 1.12

No information available **Bulk density**

10. Stability and reactivity

10.1. Reactivity

Reactivity Product cures with moisture.

10.2. Chemical stability

Chemical stability Keep away from Incompatible materials. Stable under recommended storage conditions.

No information available

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

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10.4. Conditions to avoid

Conditions to avoid Product cures with moisture. Protect from moisture.

10.5. Incompatible materials

Incompatible materials Strong acids. Strong bases. Strong oxidizing agents. Acids. Aluminum.

10.6. Hazardous decomposition products

Hazardous decomposition products None known based on information supplied

11. Toxicological information

11.1. Information on toxicological effects

Product Information

Inhalation Inhalation of dust in high concentration may cause irritation of respiratory system.

Eye contact Causes serious eye damage. May cause irreversible damage to eyes.

Skin contact Causes skin irritation. May cause sensitization by skin contact. Repeated or prolonged skin

contact may cause allergic reactions with susceptible persons.

Ingestion Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Redness. Burning. May cause blindness. Itching. Rashes. Hives. May cause redness and

tearing of the eyes.

Acute toxicity

Numerical measures of toxicity

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

ATEmix (inhalation-dust/mist) 55.90 mg/l

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Quartz 14808-60-7	>20000 mg/kg	-	-
Limestone 1317-65-3	>5000 mg/kg (Rattus)	-	-
Cement, alumina, chemicals 65997-16-2	LD50 >2000 mg/Kg Rat	LD50 >2000 mg/Kg Rat	-
Cement, portland, chemicals 65997-15-1	LD50 >2000 mg/Kg (Rattus)	LD50 >2000 mg/Kg	-
Calcium Sulfoaluminate Cement 960375-09-1	>2000 mg/Kg	•	-
Carbonic acid, magnesium salt (1:1) 546-93-0	>2000 mg/Kg Rat	•	-
Calcium sulfate 7778-18-9	>3000 mg/kg (Rattus)	-	CL50 >2.61 mg/L (4h) Rat

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Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Irritating to skin.

Serious eye damage/eye irritation Causes burns. Risk of serious damage to eyes.

Respiratory or skin sensitization May cause sensitization by skin contact.

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity Contains a known or suspected carcinogen. May cause cancer.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Quartz	A2	Group 1	Known	X
14808-60-7				

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A2 - Suspected Human Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans NTP (National Toxicology Program)

Known - Known Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Quartz (14808-60-7)

Method	Species	Results
IARC (International Agency for Research on	Human evidence	Carcinogenic
Cancer)		_

Reproductive toxicityBased on available data, the classification criteria are not met.

STOT - single exposure Based on available data, the classification criteria are not met.

STOT - repeated exposureCauses damage to organs through prolonged or repeated exposure.

Target organ effectsEyes, Lungs, Respiratory system, Skin.

Aspiration hazard Based on available data, the classification criteria are not met.

Other adverse effects

No information available.

Interactive effects

No information available.

12. Ecological information

12.1. Toxicity

Ecotoxicity

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Chemical name	Algae/aquatic plants	Fish	Toxicity to	Crustacea
			microorganisms	
Limestone	CE50 (72h) >200mg/L	CL50 (96h)>10000mg/L	-	CE50 (48h) >1000 mg/L
1317-65-3	Algae (Desmondesmus	(Oncorhynchus mykiss)		Daphnia Magna
	subspicatus)			
Cement, alumina,	EC50 (72h)Algae	LC50 (96h)	-	EC50 (48h) Daphnia
chemicals	(Pseudokirchneriella	(Onchorhyncus mykiss)		magna =6.6mg/L (OECD
65997-16-2	subcapitata) >5.6mg/L	>100 mg/L (OECD 203)		202)
Calcium sulfate	CL50 (72h) >100 mg/L	LC50: =2980mg/L (96h,	-	CE50 (48h) >100 mg/L
7778-18-9	Algae	Lepomis macrochirus)		(Daphnia magna)
		LC50: >1970mg/L (96h,		
		Pimephales promelas)		

12.2. Persistence and degradability

Persistence and degradability No information available.

12.3. Bioaccumulative potential

Bioaccumulation There is no data for this product.

Component Information

Chemical name	Partition coefficient
Limestone	0.9
1317-65-3	

12.4. Mobility in soil

Mobility No information available.

Other adverse effects

Other adverse effects No information available.

13. Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused

products

It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and

disposal methods in compliance with applicable regulations.

Contaminated packaging Dispose of in accordance with federal, state and local regulations.

14. Transport information

DOT Not regulated

<u>IATA</u> Not regulated

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IMDG Not regulated

15. Regulatory information

International Inventories

TSCA	Listed
DSL	Not Listed

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL - Canadian Domestic Substances List

Listed - The components of this product are either listed or exempt from listing on inventory.

Not Listed - One or more components of this product are not listed on inventory.

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

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

Europe

Restrictions of Use of Hazardous Substances (RoHS) Directive 2011/65/EU

This product does not contain Lead, Cadmium, Mercury, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-Ethylhexyl) phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP) above the regulated limit mentioned in this regulation. This document is based on the information given to us by our own suppliers at the date of this document.

SVHC: Substances of Very High Concern for Authorization:

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

16. Other information

Key or legend to abbreviations and acronyms used in the safety data sheet

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA TWA (time-weighted average) STEL STEL (Short Term Exposure Limit)

Ceiling Maximum limit value * Skin designation

Prepared By Product Safety & Regulatory Affairs.

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Revision noteNo information available.

Disclaimer

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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 a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

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