



A Garland Industries Subsidiary

UltraGuard Elastomeric HB

Safety Data Sheet

according to US OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canada WHMIS 2015 which includes the amended Hazardous Products Act and the Hazardous Products Regulation
Revision Date: 10/19/2023 Date of Issue: 08/04/2022 Version: 3.1

SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Mixture

Product Name: UltraGuard Elastomeric HB

Name, Address, and Telephone of the Responsible Party

Manufacturer

GMX, Inc.

3014 Chamber Dr

Monroe, NC 28110

Emergency Telephone Number

Emergency Number: 1-800-424-9300 (CHEMTREC)

Main Switch Board: (704) 334-8222

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

Classification (GHS-US)

H317 – Skin Sens. 1

H350 – Carc. 1A

Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US)

:



Signal Word (GHS-US)

:

Danger

Hazard Statements (GHS-US)

:

H317 – May cause an allergic skin reaction

H350 – May Cause Cancer

Precautionary Statements (GHS-US)

:

Obtain special instructions before use

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

Wear protective gloves, protective clothing, eye protection and face protection

Avoid breathing dust, fume, gas, mist, vapors and spray

Contaminated work clothing must not be allowed out of the workplace

IF exposed or concerned: Get medical advice/attention

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P332+P313 If skin irritation occurs: Get medical advice/ attention.

P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

P501 Dispose of contents/ container in accordance with national regulations.

Other Hazards

Other Hazards Not Contributing to the Classification: Not available.

Unknown Acute Toxicity (GHS-US)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Not available

Mixture

Name	Product identifier	% (w/w)
Limestone	CAS No (1317-65-3)	10-20

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Calcium Carbonate	CAS No (471-34-1)	10-20
Proprietary Plasticizer	Proprietary	10-20
Proprietary Adhesion Promoter	Proprietary	<1
Carbon Black	CAS No (1333-86-4)	<1

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

First-aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). If exposed or concerned: Get medical advice/attention.

First-aid Measures After Inhalation: Remove to fresh air.

First-aid Measures After Skin Contact: Wash with soap and water. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.

First-aid Measures After Eye Contact: Rinse thoroughly with water for at least 15 minutes, lifting lower and upper eyelids. Do not rub eye. Remove any contact lenses and open eyelids wide apart. Consult a physician.

First-aid Measures After Ingestion: Rinse mouth.

Most important symptoms and effects, both acute and delayed

Symptoms Itching. Rashes. Hives.

Indication of any immediate medical attention and special treatment needed

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

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media: Do not scatter spilled material with high pressure water streams.

Special Hazards Arising From the Substance or Mixture

Product is or contains a sensitizer. May cause sensitization by skin contact. Containers may explode when heated.

Advice for Firefighters

Firefighting Instructions: Exercise caution when fighting any chemical fire.

Protection During Firefighting: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Reference to Other Sections

Refer to section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

Methods and Material for Containment and Cleaning Up

For Containment and Clean Up: Dike with inert absorbent material (e.g. dry sand or earth). Take precautionary measures against static discharges. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Keep in suitable and closed containers for disposal. Dispose of as common waste.

Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Remove contaminated clothing and shoes.

Conditions for Safe Storage, Including Any Incompatibilities

Storage Conditions: Keep container tightly closed. Keep in properly labeled containers. Keep out of the reach of children.

Incompatible Materials: Not available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Limestone (1317-65-3)		
USA OSHA	OSHA TWA respirable fraction (mg/m ³)	5 mg/m ³

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USA OSHA	OSHA TWA Total Dust (mg/m ³)	15 mg/m ³
NIOSH	TWA Total Dust	10 mg/m ³
NIOSH	TWA Respirable Dust	5 mg/m ³

Calcium Carbonate (471-34-1)		
USA OSHA	OSHA TWA respirable fraction (mg/m ³)	5 mg/m ³
USA OSHA	OSHA TWA Total Dust (mg/m ³)	15 mg/m ³
NIOSH	TWA Total Dust	10 mg/m ³
NIOSH	TWA Respirable Dust	5 mg/m ³

Proprietary Plasticizer		
USA ACGIH	ACGIH TWA inhalable particulate matter excluding metal working fluids, highly & severely refined	5 mg/m ³
USA OSHA	OSHA TWA (mg/m ³)	5 mg/m ³
NIOSH IDLH	Immediate danger to life and health (ppm)	2500 mg/m ³
NIOSH	NIOSH TWA	5 mg/m ³
NIOSH	STEL	10 mg/m ³

Carbon Black (1333-86-4)		
USA ACGIH	ACGIH TWA respirable fraction (mg/m ³)	3 mg/m ³
USA OSHA	OSHA TWA (mg/m ³)	3.5 mg/m ³
NIOSH IDLH	Immediate danger to life and health (mg/m ³)	1750 mg/m ³
NIOSH TWA	TWA Carbon black in presence of Polycyclic aromatic hydrocarbons PAH	0.1 mg/m ³

Exposure Controls

Appropriate Engineering Controls: Provide adequate general and local exhaust ventilation. Ensure the ventilation system is regularly maintained and tested. Good general ventilation should be adequate to control workers' exposure to airborne contaminants. Observe any occupational exposure limits for the product or ingredients. Showers and Eyewash Stations.

Personal Protective Equipment: Gloves. Protective clothing. Protective goggles.

Eye and Face Protection: Wear tight-fitting, chemical splash goggles or face shield. If inhalation hazards exist, a fullface respirator may be required instead.

Skin and Body Protection: Wear appropriate clothing to prevent any possibility of skin contact.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, NIOSH approved respiratory protection should be worn.

Hand Protection: Wear protective gloves. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with OSHA 1910.138 and be demonstrated to be impervious to the chemical and resist degradation. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.

Hygiene Measures: Wash hands before breaks and at the end of workday. Remove and wash contaminated clothing before re-use. Handle in accordance with good industrial hygiene and safety practice.

Other Information: When using, do not eat, drink, or smoke.

Environmental exposure controls: Keep container tightly sealed when not in use. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	: Paste
Odor	: Characteristic
Odor Threshold	: Not available
pH	: Not available
Relative Evaporation Rate (butyl acetate = 1)	: Not available
Melting Point	: Not available

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Boiling Point	: Not available
Flash Point	: Not available
Auto-ignition Temperature	: Not available
Decomposition Temperature	: Not available
Flammability (solid, gas)	: Not available
Lower Flammable Limit	: Not available
Upper Flammable Limit	: Not available
Vapor Pressure	: Not available
Relative Vapor Density at 68°F (20°C)	: > 1 (Air = 1)
Relative Density	: Not available
Specific Gravity	: >1.0
Solubility	: Partly miscible
Partition coefficient: n-octanol/water	: Not available
Explosion Data – Sensitivity to Mechanical Impact	: Not available
Explosion Data – Sensitivity to Static Discharge	: Not available

SECTION 10: STABILITY AND REACTIVITY

Reactivity: See the other subsections of this section for further details.

Chemical Stability: Stable under normal conditions.

Possibility of Hazardous Reactions: No potentially hazardous reactions known.

Conditions to Avoid: No information available.

Incompatible Materials: No materials to be especially mentioned.

Hazardous Decomposition Products: Carbon monoxide. Carbon dioxide. Hydrocarbons.

SECTION 11: TOXICOLOGICAL INFORMATION

Information On Toxicological Effects – Product

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 is not available.
Skin contact	May cause sensitization by skin contact. Specific test data for the substance or mixture is not available. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. (based on components).
Ingestion	Specific test data for the substance or mixture is not available.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	Itching. Rashes. Hives.
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Acute toxicity

Numerical measures of toxicity

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

ATEmix (oral)	30,109.60 mg/kg
ATEmix (dermal)	6,073.50 mg/kg
ATEmix (inhalation-gas)	99,999.00 ppm
ATEmix (inhalation-dust/mist)	99,999.00 mg/l
ATEmix (inhalation-vapor)	99,999.00 mg/l

Component Information

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	May cause an allergic skin reaction.
Germ cell mutagenicity	No information available.
Carcinogenicity	Contains a known or suspected carcinogen. Classification based on data available for ingredients. May cause cancer.

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

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Chemical Name	ACGIH	IARC	NTP	OSHA
Proprietary Plasticizer	A2	Group 1	Known	X
Carbon Black 1333-86-4	A3	Group 2B	-	X

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A2 - Suspected Human Carcinogen

A3 - Animal carcinogen

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

Group 2B - Possibly carcinogenic to humans

NTP (National Toxicology Program)

Known - Known Carcinogen

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

X - Present

Reproductive toxicity

Contains a known or suspected reproductive toxin. Classification based on data available for ingredients.

STOT - single exposure

No information available.

STOT - repeated exposure

No information available.

Aspiration hazard

No information available.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity – Ingredients

Proprietary Plasticizer:

Fish: LC50: >5000 mg/L (96 hr, Oncorhynchus mykiss)

Crustacea: EC50: >1000 mg/L (48hr, Daphnia magna)

Persistence and Degradability

No information available for this product.

Bioaccumulative Potential – Product

No information available for this product.

Bioaccumulative Potential – Ingredients

No information available for this product.

Mobility in Soil

No information available for this product.

Other Adverse Effects

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations: Dispose of in accordance with local, state, and federal regulations.

Additional Information: Empty containers should be taken for local recycling, recovery or waste disposal.

SECTION 14: TRANSPORT INFORMATION

In Accordance with DOT

Proper Shipping Name : Non-Regulated Material.

In Accordance with IMDG

Proper Shipping Name : Not Regulated.

Hazard Class :

Identification Number : Not Regulated.

Packing Group :

Marine Pollutant : Not Regulated.

Hazard Class :

Packing Group :

Marine Pollutant :

Identification Number :

Packing Group :

In Accordance with IATA

In Accordance with TDG

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SECTION 15: REGULATORY

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer-Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

International Inventories

TSCA	All ingredients are listed or exempt.
DSL/NDSL	All ingredients are listed or exempt.
EINECS/ELINCS	Contact supplier for inventory compliance status.
ENCS	Contact supplier for inventory compliance status.
IECSC	Contact supplier for inventory compliance status.
KECL	Contact supplier for inventory compliance status.
PICCS	Contact supplier for inventory compliance status.
AIIC	Contact supplier for inventory compliance status.
NZIoC	Contact supplier for inventory compliance status.

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

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AIIC - Australian Inventory of Industrial Chemicals

NZIoC - New Zealand Inventory of Chemicals

US Federal Regulations

SARA 313

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.

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 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals:

Carbon Black - 1333-86-4 Carcinogen

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

US State Regulations

California Directors List of Hazardous Substances

The following ingredients are listed or exempt:

Carbon Black

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California Proposition 65

This product contains no known Proposition 65 chemicals in the form listed which are known to the state of California to cause cancer.

State Right-to-Know

Limestone (1317-65-3)

RTK – U.S. – Massachusetts – Right To Know List
RTK – U.S. – New Jersey – Right To Know Hazardous Substance List
RTK – U.S. – Pennsylvania – RTK (Right To Know) List
RTK – U.S. – Minnesota – Right To Know List
RTK – U.S. – Rhode Island – Right To Know List

Carbon Black (1333-86-4)

RTK – U.S. – Massachusetts – Right To Know List
RTK – U.S. – New Jersey – Right To Know Hazardous Substance List
RTK – U.S. – Pennsylvania – RTK (Right To Know) List
RTK – U.S. – Minnesota – Right To Know List
RTK – U.S. – Rhode Island – Right To Know List

Canadian Regulations

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All components are listed in the WHMIS DSL.

WHMIS Classification	Not classified.
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NFPA:	Health Hazard: 2	Flammability: 0	Instability: 0	Special Hazards - NA
HMIS:	Health Hazard: 2	Flammability: 0	Physical Hazards: 0	Personal Protection - X

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision date : 05/21/2025

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

Party Responsible for the Preparation of This Document

GMX, Inc.
3014 Chamber Dr
Monroe, NC 28110

This information is based on our knowledge as of the Revision Date and is intended to describe the product only for the purposes of health, safety, and environmental requirements as of the Revision Date. It should not therefore be construed as guaranteeing any specific property of the product nor as providing any warranty, expressed or implied. The user assumes all responsibility, liability, risk of loss, damage, or expense arising out of, or in any way connected with, the handling, storage, use, or disposal of the product.

North America GHS US 2015 & WHMIS