



Safety Data Sheet

Ultra Patch

Revision Date:
13 July, 2026

Section 1. Identification

Product identifier

Product Identity

Ultra Patch

Other means of identification

Not Applicable

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

General purpose concrete repair mortar

Details of the supplier of the safety data sheet

Company Name

SpecChem
1511 Baltimore Ave; Suite 600
Kansas City, MO 64108

Emergency

24 hour Emergency Telephone No.

VelocityEHS1-(800)255-3924 (North America)
+1-813-248-0585 (International)
1-300-954-583 (Australia)
0-800-591-6042 (Brazil)
400-120-0751 (China)
000-800-100-4086(India)
800-461-1720 (Mexico)
(816) 968-5600
www.specchem.com

Customer Service:

Section 2. Hazard(s) identification

Classification of the substance or mixture under US OSHA's Hazard Communication Standard (1910.1200) revised 2024 and Canadian Hazardous Products Regulations (SOR/2015-17) (GHS revision 7)

Skin corrosion/irritation category
2;H315

Causes skin irritation.

Serious eye damage / eye irritation,
category 1;H318

Causes serious eye damage.

Skin sensitizer category 1;H317

May cause an allergic skin reaction.

Carcinogen, category 1A;H350

May cause cancer.

Label elements



Danger

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H350 May cause cancer.

[Prevention]

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P261 Avoid breathing dust, fume, gas, mist, vapors, spray.

P264 Wash thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves, eye protection, and face protection.

[Response]

P302+352 IF ON SKIN: Wash with plenty of soap and water.

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308+313 IF exposed or concerned: Get medical advice or attention.

P310 Immediately call a POISON CENTER, doctor or physician.

P333+313 If skin irritation or a rash occurs: Get medical advice or attention.

P362+364 Take off contaminated clothing and wash it before reuse.

[Storage]

P405 Store locked up.

[Disposal]

P501 Dispose of contents or container in accordance with local and national regulations.

Other hazards

This product contains no PBT/vPvB/vPvM chemicals.

This product contains no endocrine disrupting chemicals.

Does NOT contain component(s) that meet a 'definition' of per & poly fluoroalkyl substance (PFAS) per the US EPA PFASMASTER combined list of PFAS chemicals.

Section 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of US OSHA's Hazard Communication Standard (1910.1200) revised 2024 and Canadian Hazardous Products Regulations (SOR/2015-17) (GHS revision 7)

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Crystalline silica (Quartz) (respirable) CAS Number: 14808-60-7 Synonyms: No available information	45 - 70	Carcinogen, category 1A;H350	-----

Portland cement CAS Number: 65997-15-1 Synonyms: No available information	10 - 30	Skin corrosion/irritation category 2;H315 Serious eye damage / eye irritation, category 1;H318 Skin sensitizer category 1;H317	-----
Limestone CAS Number: 1317-65-3 Synonyms: Calcium carbonate	7 - 13	Not Classified	-----
Calcium sulfoaluminate cement clinker CAS Number: 960375-09-1 Synonyms: No available information	7 - 13	Skin corrosion/irritation category 2;H315 Serious eye damage / eye irritation, category 1;H318	-----
Silicic acid (h4sio4), calcium salt (1:2) CAS Number: 10034-77-2 Synonyms: No available information	3 - 7		-----
Calcium sulfate CAS Number: 7778-18-9 Synonyms: Sulfuric acid, calcium salt (1:1)	3 - 7	Not Classified	-----

The actual concentration or concentration range is withheld as a trade secret.

*PBT/vPvB - PBT, vPvM or vPvB-substance.

The full texts of the phrases are shown in Section 16.

Section 4. First aid measures

Description of first aid measures

General	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
Eyes	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
Skin	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
Ingestion	If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.
Most important symptoms and effects, both acute and delayed	
Overview	No specific symptom data available. Possible cancer hazard. Contains an ingredient which may cause cancer based on animal data (See Section 3 and Section 15 for each ingredient). Risk of cancer depends on duration and level of exposure. Treat symptomatically. See section 2 for further details.
Eyes	Causes serious eye damage.
Skin	May cause an allergic skin reaction. Causes skin irritation.

Section 5. Fire-fighting measures

Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO₂, powder, water spray.

Unsuitable extinguishing media: Do not use; water jet.

Special hazards arising from the substance or mixture

Hazardous decomposition: No hazardous decomposition data available.

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

Advice for fire-fighters

As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full face piece and protective clothing. Persons without respiratory protection should leave area. Wear SCBA during clean-up immediately after fire. No smoking.

ERG Guide No. ----

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet.

Promptly remove soiled clothing and wash thoroughly before reuse.

Environmental precautions

Do not allow spills to enter drains or waterways.

Methods and material for containment and cleaning up

Ventilate the area and avoid breathing vapors. Take the personal protective measures listed in section 8.

Contain and absorb spillage with non-combustible materials e.g. sand, earth, and vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations.

Section 7. Handling and storage

Precautions for safe handling

Handle containers carefully to prevent damage and spillage.

See section 2 for further details. - [Prevention]

Conditions for safe storage, including any incompatibilities

Incompatible materials: No available information

See section 2 for further details. - [Storage]

Specific end use(s)

No available information

Section 8. Exposure controls / personal protection

Control parameters

Exposure Limits

CAS No.	Ingredient	Source	Value
1317-65-3	Limestone	ACGIH	TWA: 10 mg/m ³ Ceiling: 20 mg/m ³
		OSHA	15 mg/m ³ (total dust), 5 mg/m ³ (respirable fraction)
		NIOSH	TWA 10 mg/m ³ (total) TWA 5 mg/m ³ (resp)
		Alberta	10 mg/m ³ TWA
		British Columbia	10 mg/m ³ TWA (total dust); 3 mg/m ³ TWA (respirable fraction) 20 mg/m ³ STEL (total)
		Manitoba	No Established Limit
		New Brunswick	10 mg/m ³ TWA (particulate matter containing no Asbestos and <1% Crystalline silica)
		Newfoundland and Labrador	No Established Limit
		Nova Scotia	No Established Limit
		Northwest Territories	10 mg/m ³ TWA 20 mg/m ³ STEL
		Nunavut	10 mg/m ³ TWA 20 mg/m ³ STEL
		Ontario	No Established Limit
		Prince Edward Island	No Established Limit
		Quebec	10 mg/m ³ TWAEV (Limestone, containing no Asbestos and <1% Crystalline silica, total dust)
		Saskatchewan	10 mg/m ³ TWA 20 mg/m ³ STEL
		Yukon	30 mppcf TWA; 10 mg/m ³ TWA 20 mg/m ³ STEL
7778-18-9	Calcium sulfate	ACGIH	TWA: 10 mg/m ³ (I) Inhalable
		OSHA	15 mg/m ³ (total dust), 5 mg/m ³ (respirable fraction)
		NIOSH	TWA 10 mg/m ³ (total) TWA 5 mg/m ³ (resp)
		Alberta	10 mg/m ³ TWA
		British Columbia	10 mg/m ³ TWA (inhalable)
		Manitoba	10 mg/m ³ TWA (inhalable particulate matter)
		New Brunswick	10 mg/m ³ TWA (particulate matter containing no Asbestos and <1% Crystalline silica)
		Newfoundland and Labrador	10 mg/m ³ TWA (inhalable particulate matter)
		Nova Scotia	10 mg/m ³ TWA (inhalable particulate matter)
		Northwest Territories	10 mg/m ³ TWA (listed under Gypsum); 10 mg/m ³ TWA (listed under Plaster of Paris) 20 mg/m ³ STEL (listed under Gypsum); 20 mg/m ³ STEL (listed under Plaster of Paris)
		Nunavut	10 mg/m ³ TWA (listed under Gypsum); 10 mg/m ³ TWA (listed under Plaster of Paris) 20

			mg/m ³ STEL (listed under Gypsum); 20 mg/m ³ STEL (listed under Plaster of Paris)
		Ontario	10 mg/m ³ TWA (inhalable)
		Prince Edward Island	10 mg/m ³ TWA (inhalable particulate matter)
		Quebec	10 mg/m ³ TWAEV (containing no Asbestos and <1% Crystalline silica, total dust); 5 mg/m ³ TWAEV (
		Saskatchewan	10 mg/m ³ TWA (listed under Gypsum and Plaster of Paris) 20 mg/m ³ STEL (listed under Gypsum and Plaster of Paris)
		Yukon	No Established Limit
10034-77-2	Silicic acid (H ₄ SiO ₄), calcium salt (1:2)	ACGIH	No Established Limit
		OSHA	No Established Limit
		NIOSH	No Established Limit
		Alberta	No Established Limit
		British Columbia	No Established Limit
		Manitoba	No Established Limit
		New Brunswick	No Established Limit
		Newfoundland and Labrador	No Established Limit
		Nova Scotia	No Established Limit
		Northwest Territories	No Established Limit
		Nunavut	No Established Limit
		Ontario	No Established Limit
		Prince Edward Island	No Established Limit
		Quebec	No Established Limit
		Saskatchewan	No Established Limit
		Yukon	No Established Limit
14808-60-7	Crystalline silica (Quartz) (respirable)	ACGIH	TWA: 0.025 mg/m ³
		OSHA	250/(%SiO ₂ +5) mppcf, 10 (%SiO ₂ +2) mg/m ³
		NIOSH	0.05 mg/m ³ TWA (respirable)
		Alberta	0.025 mg/m ³ TWA (respirable particulate)
		British Columbia	0.025 mg/m ³ TWA (respirable)
		Manitoba	0.025 mg/m ³ TWA (respirable particulate matter)
		New Brunswick	0.1 mg/m ³ TWA (respirable fraction)

		Newfoundland and Labrador	0.025 mg/m ³ TWA (respirable particulate matter)
		Nova Scotia	0.025 mg/m ³ TWA (respirable particulate matter)
		Northwest Territories	0.05 mg/m ³ TWA (respirable fraction, listed under Silica - crystalline)
		Nunavut	0.05 mg/m ³ TWA (respirable fraction, listed under Silica - crystalline)
		Ontario	0.10 mg/m ³ TWA (designated substances regulation, respirable, listed under Silica, crystalline)
		Prince Edward Island	0.025 mg/m ³ TWA (respirable particulate matter)
		Quebec	0.1 mg/m ³ TWAEV (respirable dust)
		Saskatchewan	0.05 mg/m ³ TWA (respirable fraction, listed under Silica - crystalline (Trydimite removed))
		Yukon	300 particle/mL TWA (listed under Silica - Quartz, crystalline)
65997-15-1	Portland cement	ACGIH	TWA: 1 mg/m ³ (E, R) asbestos and crystalline silica < 1%, Respirable
		OSHA	50 mppcf, 5 mg/m ³ (respirable fraction), 15 mg/m ³ total dust
		NIOSH	TWA 10 mg/m ³ (total) TWA 5 mg/m ³ (resp)
		Alberta	10 mg/m ³ TWA
		British Columbia	1 mg/m ³ TWA (particulate matter containing no Asbestos and <1% Crystalline silica)
		Manitoba	1 mg/m ³ TWA (particulate matter containing no Asbestos and <1% Crystalline silica, respirable p
		New Brunswick	10 mg/m ³ TWA (particulate matter containing no Asbestos and <1% Crystalline silica)
		Newfoundland and Labrador	1 mg/m ³ TWA (particulate matter containing no Asbestos and <1% Crystalline silica, respirable p
		Nova Scotia	1 mg/m ³ TWA (particulate matter containing no Asbestos and <1% Crystalline silica, respirable p
		Northwest Territories	10 mg/m ³ TWA 20 mg/m ³ STEL
		Nunavut	10 mg/m ³ TWA 20 mg/m ³ STEL
		Ontario	1 mg/m ³ TWA (containing no Asbestos and <1% Crystalline silica, respirable)
		Prince Edward Island	1 mg/m ³ TWA (particulate matter containing no Asbestos and <1% Crystalline silica, respirable p

		Quebec	10 mg/m ³ TWAEV (containing no Asbestos and <1% Crystalline silica, total dust); 5 mg/m ³ TWAEV (
		Saskatchewan	10 mg/m ³ TWA 20 mg/m ³ STEL
		Yukon	30 mppcf TWA; 10 mg/m ³ TWA 20 mg/m ³ STEL
960375-09-1	Calcium sulfoaluminate cement clinker	ACGIH	No Established Limit
		OSHA	No Established Limit
		NIOSH	No Established Limit
		Alberta	No Established Limit
		British Columbia	No Established Limit
		Manitoba	No Established Limit
		New Brunswick	No Established Limit
		Newfoundland and Labrador	No Established Limit
		Nova Scotia	No Established Limit
		Northwest Territories	No Established Limit
		Nunavut	No Established Limit
		Ontario	No Established Limit
		Prince Edward Island	No Established Limit
		Quebec	No Established Limit
		Saskatchewan	No Established Limit
		Yukon	No Established Limit

The exposure limits for nuisance dust are: OSHA PEL: 15 mg/m³ (50 mppcf*) TWA, ACGIH 10 mg/m³.

Exposure controls

Respiratory

If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

Eyes

Protective safety glasses recommended

Skin

Avoid skin contact. Protective gloves recommended.

Engineering Controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

Other Work Practices

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details.

Section 9. Physical and chemical properties

Information on basic physical and chemical properties

Physical State	Solid or Powder
Color	Gray
Odor	Not Available
Odor threshold	No available information
Melting point / freezing point	No available information
Initial boiling point and boiling range	No available information
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: No available information Upper Explosive Limit: No available information
Flash Point	No available information
Auto-ignition temperature	No available information
Decomposition temperature	No available information
pH	No available information
Viscosity (cSt)	No available information
Solubility in Water	Soluble
Partition coefficient n-octanol/water (Log Kow)	No available information
Vapor pressure (Pa)	No available information
Relative Density	2.6 - 3.2
Vapor Density	No available information
Evaporation rate (Ether = 1)	No available information
Oxidising properties	No available information
Explosive properties	No available information
Other information	No other relevant information.

Section 10. Stability and reactivity

Reactivity

Hazardous Polymerization will not occur.

Chemical stability

Stable under normal circumstances.

Possibility of hazardous reactions

No available information

Conditions to avoid

Avoid high temperatures and contact with incompatible material

Incompatible materials

No available information

Hazardous decomposition products

No hazardous decomposition data available.

Section 11. Toxicological information

Acute toxicity

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Crystalline silica (Quartz) (respirable) - (14808-60-7)	No data available.	100,000.00 - Category: NA	No data available.	No data available.	No data available.
Portland cement - (65997-15-1)	No data available.	No data available.	No data available.	No data available.	No data available.
Limestone - (1317-65-3)	No data available.	No data available.	No data available.	No data available.	No data available.
Calcium sulfoaluminate cement clinker - (960375-09-1)	No data available.	No data available.	No data available.	No data available.	No data available.
Silicic acid (h4sio4), calcium salt (1:2) - (10034-77-2)	No data available.	No data available.	No data available.	No data available.	No data available.
Calcium sulfate - (7778-18-9)	3,000.00, Rat - Category: 5	No data available.	No data available.	No data available.	No data available.

Carcinogen Data

CAS No.	Ingredient	Source	Value
1317-65-3	Limestone	IARC	No
		ACGIH	No Established Limit
7778-18-9	Calcium sulfate	IARC	No
		ACGIH	No Established Limit
10034-77-2	Silicic acid (h4sio4), calcium salt (1:2)	IARC	No
		ACGIH	No Established Limit
14808-60-7	Crystalline silica (Quartz) (respirable)	IARC	Group 1
		ACGIH	A2
65997-15-1	Portland cement	IARC	No
		ACGIH	A4
960375-09-1	Calcium sulfoaluminate cement clinker	IARC	No
		ACGIH	No Established Limit
Classification		Category	Hazard Description
Acute toxicity (oral)		---	Not Applicable
Acute toxicity (dermal)		---	Not Applicable
Acute toxicity (inhalation)		---	Not Applicable
Skin corrosion/irritation		2	Causes skin irritation.
Serious eye damage/irritation		1	Causes serious eye damage.
Respiratory sensitization		---	Not Applicable

Skin sensitization	1	May cause an allergic skin reaction.
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	1A	May cause cancer.
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-single exposure (3)	3	{TAGGHSSStotSE}
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

Possible routes of entry:

Inhalation, ingestion, skin contact, and skin absorption.

Symptoms and effects, both acute and delayed:

No specific symptom data available.

Possible cancer hazard. Contains an ingredient which may cause cancer based on animal data (See Section 3 and Section 15 for each ingredient). Risk of cancer depends on duration and level of exposure.

Treat symptomatically.

Eyes Causes serious eye damage.

Skin May cause an allergic skin reaction. Causes skin irritation.

Section 12. Ecological information

Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/L	48 hr EC50 crustacea, mg/L	ErC50 algae, mg/L
Crystalline silica (Quartz) (respirable) - (14808-60-7)	No data available.	No data available.	No data available.
Portland cement - (65997-15-1)	No data available.	No data available.	No data available.
Limestone - (1317-65-3)	No data available.	No data available.	No data available.
Calcium sulfoaluminate cement clinker - (960375-09-1)	No data available.	No data available.	No data available.
Silicic acid (h4sio4), calcium salt (1:2) - (10034-77-2)	No data available.	No data available.	No data available.
Calcium sulfate - (7778-18-9)	1,970.00, Pimephales promelas	1,910.00, Ceriodaphnia dubia	3,200.00, Navicula seminulum

Persistence and degradability

There is no data available on the preparation itself.

Bioaccumulative potential

No available information

Mobility in soil

No available information

Results of PBT and vPvB assessment

This product contains no PBT/vPvB/vPvM chemicals.

Other adverse effects

No available information

Section 13. Disposal considerations

Waste treatment methods

Observe all federal, provincial and local regulations when disposing of this substance.

Section 14. Transport information

	DOT (Domestic Surface Transportation)	TDG (Domestic Surface Transportation)
UN number	Not Regulated	Not Regulated
UN proper shipping name	Not Regulated	Not Regulated
Transport hazard class(es)	Class: Not Applicable	Class: Not Applicable Sub Class: Not Applicable
Packing group	Not Applicable	Not Applicable
	IMO / IMDG (Ocean Transportation)	ICAO/IATA
UN number	Not Regulated	Not Regulated
UN proper shipping name	Not Regulated	Not Regulated
Transport hazard class(es)	Class: Not Applicable Sub Class: Not Applicable	Class: Not Applicable Sub Class: Not Applicable
Packing group	Not Applicable	Not Applicable

Environmental hazards

IMDG Marine Pollutant: No;

Special precautions for user

No available information

Section 15. Regulatory information

Regulatory Overview The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

This product has been classified in accordance with US OSHA’s Hazard Communication Standard (1910.1200) revised 2024 and Canadian Hazardous Products Regulations (SOR/2015-17 amended 2022-12-15) (GHS revision 7) and the SDS contains all of the information required by those regulations.

Toxic Substance Control Act (TSCA)

Calcium sulfate

Crystalline silica (Quartz) (respirable) (Present)

Limestone (UVCB)

Portland cement (UVCB)

Silicic acid (H₄SiO₄), calcium salt (1:2)

Smectite-group minerals (UVCB)

EPCRA 302 Extremely Hazardous:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 313 Toxic Chemicals:

Crystalline silica (Quartz) (respirable)

Canadian Domestic Substance List (DSL):

Calcium sulfate

Portland cement

Silicic acid (H₄SiO₄), calcium salt (1:2)

Canadian Non-Domestic Substance List (NDSL):

Limestone

Smectite-group minerals

Proposition 65 - Carcinogens (>0.0%):

Crystalline silica (Quartz) (respirable)

Proposition 65 - Developmental Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Female Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Male Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 Label Warning:



WARNING: This product can expose you to chemicals including [Crystalline silica (Quartz) (respirable)], which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Section 16. Other information

Revision Date 13 July, 2026

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H350 May cause cancer.

Disclaimer: The information presented herein is supplied as a guide to those who handle or use this product. Safe work practices must be employed when working with any materials. It is important that the end user makes a determination regarding the adequacy of the safety procedures employed during the use of this product.

End of Document