

Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department Of Labor

Occupational Safety and Health Admin.
(GHS Format)

Identity (as used on Label and List)

Limestrong Plaster Fortifier

LIMESTRONG BUILD™
HIGH PERFORMANCE POZZOLAN + LIME

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifiers

Product Name : Limestrong Plaster Fortifier

Brand : Limestrong Artisan Plaster

1.2 Relevant identified uses of the substance or mixture

Identified Uses : Admixture for lime plaster

Chemical characterization : Copolymer based on vinyl acetate and vinyl versatate, with additives.

1.3 Details of the supplier of the safety data sheet (SDS)

Company : Limestrong
924 South 500 West, Suite D
Salt Lake City, UT 84101 USA
1-800-917-2414

1.4 Emergency telephone number

Emergency Phone # : AkzoNobel: +31 57 06 79 211
CHEMTREC - USA: 1-800-424-9300
CANUTEC - CANADA: 1-613-996-6666

SECTION 2: Hazards Identification

2.1 Emergency Overview

Appearance: powder

Color: white

Odor: mild

Hazard Summary: Risk of dust explosion.

GHS Classification: Not a hazardous substance or mixture.

GHS Label element: Not a hazardous substance or mixture.

2.2 Potential Health Effects

Inhalation: Product dust may be irritating to respiratory system.

Skin: Product dust may be irritating to skin.

Eyes: Product dust may be irritating to eyes.

Ingestion: Gastrointestinal discomfort

Aggravated Medical Condition: None known.

Symptoms of Overexposure: No symptoms known or expected.

2.3 Carcinogenicity:

IARC: No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA: No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

SECTION 3: Composition/Information on Ingredients

3.1 Hazardous Components

Chemical Name	Concentration	CAS-No.	Classification
Proprietary mineral filler	10 - 20%	*	

* The specific chemical identity has been withheld as a trade secret.

SECTION 4: First Aid Measures

4.1 Description of first aid measures

General advice: No hazards which require special first aid measures. Treat symptomatically.

If inhaled: Remove to fresh air. Keep patient warm and at rest. Rinse nose and mouth with water.

In case of skin contact: Remove contaminated clothing and shoes. Rinse with water.

In case of eye contact: Rinse with plenty of water. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.

If swallowed: Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

4.2 Notes to physician. No symptoms known or expected. No known risks. Treat symptomatically.

SECTION 5: Firefighting Measures

5.1 Extinguishing media

Suitable extinguishing media: Water mist; Foam.

Unsuitable extinguishing media: Carbon dioxide (CO₂); High volume water jet

5.2 Special hazards arising from the substance or mixture. Risks of ignition followed by flame propagation or secondary explosions shall be prevented by avoiding accumulation of dust, e.g. on floors and ledges.

5.3 Combustion products. No hazardous combustion products are known.

5.4 Advice for firefighters. In the event of fire, wear self-contained breathing apparatus.

5.5 Further information. Standard procedure for chemical fires. See also Section 9. Physical and chemical properties: Safety data

SECTION 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures. Avoid contact with skin or eyes. Wear protective clothing. Avoid dust formation.

6.2 Environmental precautions. Try to prevent the material from entering drains or water courses.

6.3 Methods and materials for containment and cleaning up. Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Additional Advice. For personal protection see section 8.

SECTION 7: Handling and Storage

7.1 Advice on safe handling. For personal protection see section 8. Avoid creating dust. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Smoking, eating and drinking should be prohibited in the application area.

7.2 Advice on protection against fire and explosion. Provide appropriate exhaust ventilation at places where dust is formed. No sparking tools should be used. Take measures to prevent the build up of electrostatic charge.

7.3 Dust explosion class. St1

7.5 Storage. Keep in a dry place. Store at room temperature in the original container. Keep container tightly closed. No special restrictions on storage with other products. No decomposition if stored and applied as directed.

SECTION 8: Exposure Controls/Personal Protection

8.1 Exposure Guidelines

Ingredients	Value	Control Parameters	Basis	Form of Exposure
Proprietary mineral filler	TWA	5 mg/m ³	NIOSH REL	Respirable
	Further Information: Occurs in nature as as limestone, chalk, marble, dolomite, aragonite, calcite & oyster shells. Calcium carbonate.			
	TWA	10 mg/m ³	NIOSH REL	Total
	Further Information: Occurs in nature as as limestone, chalk, marble, dolomite, aragonite, calcite & oyster shells. Calcium carbonate.			

8.2 Engineering measures. Provide appropriate exhaust ventilation at places where dust is formed.

PERSONAL PROTECTIVE EQUIPMENT.

Eye/face protections. Safety glasses with side-shields conforming to EN166

Hand protection. Glove material: For prolonged or repeated contact use protective gloves complying with EN 374.

Body protection. Lab coat. Remove and wash contaminated clothing before re-use.

Respiratory protection. No personal respiratory protective equipment normally required. In the case of dust, vapor or aerosol formation use respirator with an approved filter. Half mask with a particle filter P2 (EN 143).

Hygiene measures. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. When using do not eat, drink or smoke.

Control of environmental exposure. Try to prevent the material from entering drains or water courses.

SECTION 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties.

APPEARANCE

Form: powder

Odor: Mild odor

Color: White

SAFETY DATA

pH: 6.5 - 8.5 at 10 % solution

Melting point: not applicable

Boiling point and boiling range: not applicable

Flash point: not applicable

Ignition temperature: > 200 °C (Method: Auto-ignition of a dust cloud according to EN 50281-2-1)

Flammability: not flammable.

Lower explosion limit: 15,000 mg/m³

Upper explosion limit: not applicable

Vapor pressure: not applicable

Relative vapor density: not applicable

Relative density: not applicable

Bulk density: 450 - 600 kg/m³

Water solubility: dispersible

Solubility in other solvents: not applicable

Partition coefficient: n-octanol/water: no data available

Autoignition temperature: no data available

Decomposition temperature: no data available

Viscosity, dynamic: not applicable

Viscosity, kinematic: not applicable

Dust explosion class: St1

Explosive properties: Dust may form explosive mixture in air.

Oxidizing properties: not classified as oxidizing.

This material safety datasheet only contains information relating to safety and does not replace any product information or product specification.

SECTION 10: Stability and Reactivity

10.1 Reactivity. Stable under normal conditions.

10.2 Chemical stability. Stable under recommended storage conditions.

10.3 Conditions and/or materials to avoid. None known.

10.4 Hazardous decomposition. No hazardous decomposition products are known.

10.5 Thermal decomposition. No data available.

10.6 Hazardous reactions. Dust may form explosive mixture in air.

SECTION 11: Toxicological Information

11.1 Toxicology Assessment. No further data available.

11.2 Carcinogenicity:

IARC: No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA: No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

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11.3 TOXICOLOGY DATA FOR THE INGREDIENTS:

Test Result

Component: Proprietary mineral filler.

Acute oral toxicity: LD50: > 5,000 mg/kg. Species: Rat

SECTION 12: Ecological Information

12.1 Ecotoxicology Assessment. Additional ecological information: None known.

Test Result

Ecotoxicity effects

Toxicity to fish: No data available

12.2 Elimination information (persistence and degradability)

Bioaccumulation: Bioaccumulation is unlikely.

Mobility: No data available

Biodegradability: Not readily biodegradable.

12.3 Hazardous to the ozone layer

Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances

Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

INGREDIENTS:

Test result

Component: Proprietary mineral filler

Ecotoxicity effects

Toxicity to fish: LC50: > 1,000 mg/l; Exposure time: 96h; Species: Fish

Toxicity to daphnia and other aquatic invertebrates: LC50: > 5,000 mg/l; Exposure time: 48h;
Species: Daphnia

SECTION 13: Disposal Considerations

13.1 Product. Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local regulation.

13.2 Contaminated packaging. Empty remaining contents. Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14: Transport Information

14.1 International regulation.

ADR: Not regulated as a dangerous good

UNRTDG: Not regulated as a dangerous good

IATA-DGR: Not regulated as a dangerous good

IMDG-Code: Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable for product as supplied.

Further information for transport: Not classified as dangerous in the meaning of transport regulations.

14.2 Domestic regulation.

49 CFR: Not regulated as a dangerous good

TDG: Not regulated as a dangerous good

NOM-002-SCT: Not regulated as a dangerous good

SECTION 15: Regulatory Information

15.1 Notification status

EINECS : YES. On the inventory, or in compliance with the inventory

AICS : YES. On the inventory, or in compliance with the inventory

DSL : YES. On the inventory, or in compliance with the inventory

IECSC : YES. On the inventory, or in compliance with the inventory

ENCS : YES. On the inventory, or in compliance with the inventory

KECI : YES. On the inventory, or in compliance with the inventory

NZIoC : YES. On the inventory, or in compliance with the inventory

PICCS : YES. On the inventory, or in compliance with the inventory

CH INV : YES. Mixture contains a polymer. The monomers for this polymer have been notified.

TSCA : YES. On the inventory, or in compliance with the inventory

For explanation of abbreviations, see section 16.

15.2 Other Regulations:

TSCA list: Not relevant

OSHA Hazards: Combustible dust

EPCRA - Emergency Planning and Community Right-to-Know

CERCLA Reportable Quantity: This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity: This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards: No SARA Hazards

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act: This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

This product does not contain any chemicals subject to disclosure and listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489).

Clean Water Act: This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

California Prop. 65. This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

SECTION 16: Other Information

HMIS Classification

HEALTH: 1

FLAMMABILITY: 1

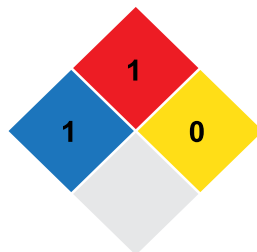
PERSONAL HAZARDS: 0

NFPA Classification

HEALTH: 1

FLAMMABILITY: 1

REACTIVITY: 0



16.2 Notification Status

EINECS	European Inventory of Existing Commercial Chemical Substances (EINECS)
AICS	Australia Inventory of Chemical Substances (AICS)
DSL	Canadian Domestic Substances List (DSL)
IECSC	China. Inventory of Existing Chemical Substances in China (IECSC)
ENCS	Japan. ENCS - Existing and New Chemical Substances Inventory
KECI	Korea. Korean Existing Chemicals Inventory (KECI)
NZIoC	New Zealand. Inventory of Chemical Substances
PICCS	Philippines Inventory of Chemicals and Chemical Substances (PICCS)
CH INV	Switzerland. New notified substances and declared preparations
TSCA	United States TSCA Inventory

16.3 Revisions

Date written: 5/13/2015

The information in this material safety data sheet should be provided to all who will use, handle, store, transport or otherwise be exposed to this product. The user must determine the appropriate measures that need to be implemented for the use and handling of this product in the context of the user's operations and use of this product. The information contained herein supersedes all previously issued bulletins on the subject matter covered. If the date on this document is more than three years old, call to make certain that this sheet is current. No warranty is made as to the product's merchantability or fitness for any particular purpose, or that any suggested use will not infringe any patent. User must determine for himself, by preliminary tests or otherwise, the suitability of this product for his purposes, including mixing with other products. Nothing contained herein shall be construed as granting or extending any license under any patent.

The information provided in this Material 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.