

SAFETY DATA SHEET

PRODUCT: LIMELIKE

SECTION 1. IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Trade name Limelike

Product name Limelike mineral paint

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

Sector of use Building and home maintenance

Product category Paint

Application of the substance / the mixture External and internal brick/masonry walls

Uses advised against

Any use carrying a risk of direct contact with eyes/skin where workers are exposed without adequate personal protective equipment (PPE).

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Dyebrick
Malt Kiln Farm
Low Road
Pentney
King's Lynn
Norfolk
PE32 1JF
United Kingdom
+44(0)1795 871105
mail@dyebrick.com

Further information obtainable from: Product safety department

1.4 Emergency telephone number

Emergency numbers: +44(0)1795 871105 (Office hours)
+44(0)7969 896118 (Out of hours)

SAFETY DATA SHEET
According to 1907/2006/EC, Article 31
Revision: 4 Date of issue: 12/12/2019

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PRODUCT: LIMELIKE

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No 127/2008)



Skin Irrit. 2 H315 Causes skin irritation
Eye Irrit. 2 H319 Causes serious eye irritation.
STOT SE 3 H335 May cause respiratory irritation

2.2 Label elements
Labelling according to Regulation (EC) No 1272/2008

This product is classified and labelled according to the CLP regulation

Hazard pictogram GHS07

Signal word Warning

Hazard-determining components of labelling:

Silicic acid, potassium salt

Hazard statements:

H315 Causes skin irritation
H319 Causes serious eye irritation
H335 May cause respiratory irritation

Precautionary statements:

P260 Do not breathe mist/vapours/spray.
P280 Wear protective gloves/eye protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.

2.3 Other Hazards

The substance does not meet the criteria for PBT or vPvB substance.
No other hazards identified.

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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Dangerous components		
CAS: 1312-76-1 EINECS: 215-199-1	Silicic acid, potassium salt  Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	<30%
CAS:63210-56-0 EINECS:613-181-1	Steatite (Mg(SiO ₃))	35-70%
CAS:7631-86-9	Precipitated silica (silica – amorphous) Substance with a Community workplace exposure limit	0*5%
CAS:14808-60-7 EINECS:238-878-4	Quartz Substance with a Community workplace exposure limit	0-5%
CAS:1344-28-1 EINECS:215-691-6	Aluminium oxide Substance with a Community workplace exposure limit	0-5%

Additional information: For the listed ingredient(s), the identity and/or exact percentages are being withheld as a trade secret.

Non-classification as a carcinogen is based on non-inhalable form of product. IARC listings for quartz note that the substance must be respirable.

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures

After inhalation:

Respiration of particulates is unlikely during normal usage.

Supply fresh air; consult doctor in case of complaints.

After skin contact:

Brush off loose particles from skin.

Wash with soap and water.

If skin irritation continues, consult a doctor.

After eye contact:

Remove contact lenses if worn.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing

Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

Information for doctor: Treat symptomatically and supportively.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

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SECTION 5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing agents:

This product is not flammable.

Use extinguishing measures suitable to surrounding conditions, appropriate to local circumstances and the surrounding environment.

5.2 Special hazards arising from the substance or mixture

No relevant information available.

5.3 Advice for fire fighters

Protective equipment:

Wear fully protective suit.

Wear self-contained respiratory protective device.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid formation of dust.

For large spills, use respiratory protective device against the effects of fumes/dust/aerosol.

6.2 Environmental precautions:

No special measures required.

6.3 Methods and material for containment and cleaning up:

Pick up mechanically.

Dispose of the material collected according to regulations.

6.4 Reference to other sections

See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of dust.

Avoid direct contact (skin/eye contact, ingestion and/or inhalation of fume/mist/dust) with the product in the undiluted form.

Safety showers and eye wash facilities should be available in the work area.

7.2 Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles:

No special requirements.

Information about storage in one common storage facility:

Do not store together with acids.

Further information about storage conditions:

Keep container tightly sealed.

Store in cool, dry conditions in well-sealed receptacles.

7.3 Specific end use(s)

No further relevant information available.

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SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

7631-86-9 Precipitated silica (silica – amorphous)	
NIOSH REL	Long term value: 6mg/m ³
OSHA PEL	Long term value: 80 mg/m ³
1312-76-1 Silicic acid, potassium salt	
Occupational Exposure Limits	No Occupational Exposure Limit assigned An exposure limit of 2mg/m ³ (15 min TWA) is recommended by analogy with potassium hydroxide (UKEH40)
1344-28-1 Aluminium oxide	
PEL	Long term value: 15**, 5**mg/m ³
REL	*Total dust, ** Respirable fraction Long term value: 10**, 5**mg/m ³
TLV	As Al *Total dust, ** Respirable /pyro powd./welding.f Long term value: 1**mg/m ³ As Al, * as respirable fraction
14808-80-7 Quartz	
PEL	See Quartz listing
REL	Long term value: 0.05*mg/m ³ *Respirable dust
TLV	Long term value: 0.025*mg/m ³ *as respirable fraction

8.2 Exposure controls

Personal protective equipment:

Select PPE appropriate for the operations taking place taking into account the product properties.

General protective and hygienic measures:

Avoid breathing dust.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with eyes and skin.
Do not eat or drink while working.
Ensure that washing facilities are available at the work place.

Respiratory protection: Use suitable respiratory protective device in case of insufficient ventilation.

Protection of hands:



Protective gloves

Eye protection:



Tightly sealed goggles

Body protection: Not required under normal conditions of use

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	
Form:	Solid/Powder
Colour:	White/Grey
Odour:	Odourless
Odour threshold:	Not determined
pH-value:	Alkaline
Melting point:	Undetermined
Boiling point:	Not determined
Flash point:	Cannot support combustion
Flammability:	Non flammable
Decomposition temp.:	Not determined
Auto-ignition temp.:	Product is not self-igniting
Explosive properties:	Product does not present an explosion hazard
Explosive limits:	Non explosive (void of any chemical structures commonly associated with explosive properties)
Vapour pressure at 20°C:	Not determined
Density at 20°C:	2.0-2.5g/cm ³
Relative density:	
Vapour density:	Not applicable
Evaporation rate:	Not applicable
Solubility in water:	Insoluble
Partition coefficient n-octanol/water:	Not determined
Viscosity:	Not determined
VOC (EC):	0.00%

9.2 Other information

NOTE: The physical data presented above are typical values and should not be construed as a specification.

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity

Stable under normal conditions

10.2 Chemical stability Stable under normal temperatures and pressures

Thermal decomposition/conditions to be avoided: No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions

No dangerous reactions known under normal conditions and use.

10.4 Conditions to avoid Prevent formation of dust

10.5 Incompatible materials Strong acids, Oxidisers

10.6 Hazardous decomposition products Decomposes by reaction with strong acids

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SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification		
1312-76-1 Silicic acid, potassium salt		
Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rabbit)

Primary irritant effect:

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

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

CMR effects (carcinogenicity, mutagenicity, and toxicity for reproduction)

Germ cell mutagenicity

Bacterial reverse mutation assay (Ames test, OECD 471): Negative

Classification for genotoxicity is not warranted.

Carcinogenicity

IARC (International Agency for Research on Cancer):	
14808-60-7	Quartz
NTP (National Toxicology Program)	
14808-60-7	Quartz
OSHA-Ca (Occupational Safety & Health Administration):	
None of the ingredients are listed	

Probable routes of exposure:

Ingestion

Eye contact

Skin contact

Repeated dose toxicity

Long term inhalation of silica dusts may cause obstructive pulmonary disease including silicosis.

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

Carcinogenicity: Contains known or suspect carcinogens when inhaled long term.

Reproductive toxicity Based on available data, the classification criteria are

STOT-single exposure Irritating to respiratory system.

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

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

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SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity

Aquatic toxicity:	
1312-76-1 Silicic acid, potassium salt	
EC50	>100 mg/kg (daphnia)

12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulation potential Product is not expected to bioaccumulate.

12.4 Mobility in soil No further relevant information available.

Additional ecological information:

General notes:

Water hazard class1 (German Regulation) (Self -assessment): slightly hazardous for water.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

12.6 Other adverse effects No further relevant information available.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Recommendation

Smaller quantities can be disposed of with household waste.

Contact waste processors for recycling information.

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and non-hazardous wastes.

Uncleaned packaging:

Recommendation:

Disposal must be made according to official regulations.

SECTION 14. TRANSPORT INFORMATION

14.1 UN-Number ADR, IMDG, IATA	Void
14.2 UN proper shipping name ADR, IMDG, IATA	Void
14.3 Transport hazard class(es) ADR, IMDG, IATA Class	Void
14.4 Packing group ADR, IMDG, IATA	Void
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	Not applicable
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable
Transport/Additional information	Not dangerous according to above specification

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SECTION 15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Directive 2012/18/EU

Named dangerous substances – ANNEX I None of the ingredients is listed

15.2 Safety, health and environmental regulations/legislation specific for the substance or mixture United States (USA)

SARA

Section 355 (extremely hazardous substances) None of the ingredients are listed

Section 313 (Specific toxic chemical listings) 1344-28-1 Aluminium oxide

TSCA (Toxic Substances Control Act) All ingredients are listed or exempt

Proposition 65 (California)

Chemicals known to cause cancer Reference to Crystalline Silica and/or Quartz is based on unbound respirable particles and is not generally applicable to product as supplied.

14808-60-7 Quartz

Chemicals known to cause reproductive toxicity for females None of the ingredients are listed

Chemicals known to cause reproductive toxicity for males None of the ingredients are listed

Chemicals known to cause developmental toxicity None of the ingredients are listed

Carcinogenic Categories

EPA (Environmental Protection Agency) None of the ingredients are listed

IARC (International Agency for Research on Cancer) Reference to chemical component(s) listed below are based on unbound respirable particles and are not generally applicable to product as supplied.

14808-60-7 Quartz

NIOSH-Ca (National Institute for Occupational Safety and Health)

14808-60-7 Quartz

Canadian Domestic Substances List (DSL) All ingredients are listed or exempt.

15.2 Chemical safety assessment: A Chemical Safety Assessment has been carried out.

SECTION 16. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and do not establish a legally valid contractual relationship.

Abbreviations

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

EC50: Effective Concentration, 50 percent

LC50: Lethal Concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent, very Bioaccumulative