



TILIA range

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878
Issue date: 4/7/2021 Version: 1.0

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

1.1. Product identifier

Product form : Mixture
Product name : TILIA range
Other means of identification : TILIA MIX P, FACADE 400 EF, FACADE 400 F, FACADE 400 C, TILIA ELI, INTERTILIA, TILIA MURSAIN, PETRATILIA, PETRATILIA +, STONE REPAIR, STEP REPAIR, MICROTILIA, THERMOTILIA, TILIA PHIL

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

1.2.1. Relevant identified uses

Main use category : Professional use
Use of the substance/mixture : Coating mortar

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

La Compagnie des Chaux et Mortier – CCM
18 Avenue Camille Pelletan
47500 Fumel - France
T +33 5 53 40 88 50
administration@ccminfos.com

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	
Malta	Medicines & Poisons Info Office	Mater Dei Hospital MSD Msida	+356 2545 6504	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin Irrit. 2 H315
Eye Dam. 1 H318
STOT SE 3 H335

Full text of hazard classes and H-statements : see section 16

Adverse physicochemical, human health and environmental effects

Causes serious eye damage. Causes skin irritation. May cause respiratory irritation.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



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Signal word (CLP)	: Danger
Contains	: Calcium dihydroxide
Hazard statements (CLP)	: H315 - Causes skin irritation. H318 - Causes serious eye damage. H335 - May cause respiratory irritation.
Precautionary statements (CLP)	: P261 - Avoid breathing dust. P280 - Wear protective gloves, protective clothing, eye protection, face protection. P302+P352 - IF ON SKIN: Wash with plenty of water. P305+P351+P338+P310 - 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. P312 - Call a POISON CENTRE or doctor if you feel unwell. P403+P233 - Store in a well-ventilated place. Keep container tightly closed.

2.3. Other hazards

Other hazards which do not result in classification : None under normal conditions.

Component	
Calcium carbonate (471-34-1)	PBT : Not applicable (inorganic substance) vPvB : Not applicable (inorganic substance)
Quartz (fine fraction < 1%) (14808-60-7)	PBT : Not applicable (inorganic substance) vPvB : Not applicable (inorganic substance)
Calcium dihydroxide (1305-62-0)	PBT : Not applicable (inorganic substance) vPvB : Not applicable (inorganic substance)
Kaolin (1332-58-7)	PBT : Not applicable (inorganic substance) vPvB : Not applicable (inorganic substance)

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Calcium carbonate substance with national workplace exposure limit(s) (IE)	(CAS-No.) 471-34-1 (EC-No.) 207-439-9	30 – 60	Not classified
Quartz (fine fraction < 1%) substance with national workplace exposure limit(s) (IE); substance with a Community workplace exposure limit	(CAS-No.) 14808-60-7 (EC-No.) 238-878-4	15 – 45	Not classified
Calcium dihydroxide substance with national workplace exposure limit(s) (IE, MT); substance with a Community workplace exposure limit	(CAS-No.) 1305-62-0 (EC-No.) 215-137-3	5 – 25	Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335

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Kaolin substance with national workplace exposure limit(s) (IE)	(CAS-No.) 1332-58-7 (EC-No.) 310-194-1	< 0.15	Not classified
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Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: If you feel unwell, seek medical advice. If possible show him this sheet. Failing this, show him the packaging or label.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Remove contaminated clothing. Wash skin with plenty of water. Obtain medical attention if irritation persists.
First-aid measures after eye contact	: Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Consult an eye specialist immediately.
First-aid measures after ingestion	: Do not induce vomiting. Call a POISON CENTER/doctor if you feel unwell.

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

Symptoms/effects after inhalation	: May cause respiratory irritation.
Symptoms/effects after skin contact	: Causes skin irritation.
Symptoms/effects after eye contact	: Causes serious eye damage.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Carbon dioxide (CO ₂). Foam. Powder.
Unsuitable extinguishing media	: Do not use water.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire	: During combustion : Toxic fumes may be released. Silicon oxides. Calcium oxides. Aluminium oxides.
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5.3. Advice for firefighters

Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Put on breathing apparatus. Complete protective clothing.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Ensure good ventilation of the work station. Avoid contact with skin, eyes and clothing. Do not breathe dust. Wear recommended personal protective equipment.
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6.1.1. For non-emergency personnel

Emergency procedures	: Ventilate spillage area. Do not attempt to take action without suitable protective equipment.
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6.1.2. For emergency responders

Protective equipment	: Wear personal protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures	: Ventilate area. Do not attempt to take action without suitable protective equipment.

6.2. Environmental precautions

Contain the spilled material by bunding. Prevent from entering sewers or the immediate environment.

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6.3. Methods and material for containment and cleaning up

- For containment : Sweep up or vacuum up the product. Avoid dust production. Shovel into suitable and closed container for disposal.
- Other information : Dispose of in accordance with relevant local regulations.

6.4. Reference to other sections

Concerning disposal elimination after cleaning, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Do not get in eyes, on skin, or on clothing. Avoid creating or spreading dust. Do not breathe dust. Wear recommended personal protective equipment.
- Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. If on skin, take off contaminated clothing.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Store in dry, cool, well-ventilated area. Keep container tightly closed to prevent moisture pick-up.
- Incompatible materials : Do not allow contact with water. Acids. Light metals.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

Calcium carbonate (471-34-1)	
Ireland - Occupational Exposure Limits	
Local name	Calcium carbonate [Limestone, Marble]
OEL TWA	10 mg/m ³ total inhalable dust 4 mg/m ³ respirable dust
Regulatory reference	Chemical Agents Code of Practice 2020

Calcium dihydroxide (1305-62-0)	
EU - Indicative Occupational Exposure Limit (IOEL)	
Local name	Calcium dihydroxide
IOEL TWA	1 mg/m ³ (Respirable fraction)
IOEL STEL	4 mg/m ³ (Respirable fraction)
Regulatory reference	COMMISSION DIRECTIVE (EU) 2017/164
Ireland - Occupational Exposure Limits	
Local name	Calcium dihydroxide
OEL TWA	1 mg/m ³ R (Respirable Fraction)
OEL STEL	4 mg/m ³ R (Respirable Fraction)
Notes (IE)	IOELV (Indicative Occupational Exposure Limit Values)
Regulatory reference	Chemical Agents Code of Practice 2020

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Calcium dihydroxide (1305-62-0)	
Malta - Occupational Exposure Limits	
Local name	Calcium dihydroxide
OEL TWA	1 mg/m ³ (respirable fraction # frazzjoni respirabbli)
OEL STEL	4 mg/m ³ (respirable fraction # frazzjoni respirabbli)
Regulatory reference	S.L.424.24 - Chemical Agents at Work Regulations (L.N.57 of 2018)

Kaolin (1332-58-7)	
Ireland - Occupational Exposure Limits	
Local name	Kaolin, respirable dust
OEL TWA	2 mg/m ³
Regulatory reference	Chemical Agents Code of Practice 2020

Quartz (fine fraction < 1%) (14808-60-7)	
EU - Indicative Occupational Exposure Limit (IOEL)	
Local name	Silica crystalline (Quartz)
IOEL TWA	0.05 mg/m ³ (respirable dust)
Notes	(Year of adoption 2003)
Regulatory reference	SCOEL Recommendations
Ireland - Occupational Exposure Limits	
Local name	Quartz, respirable dust
OEL TWA	0.1 mg/m ³
Notes (IE)	BOELV (Binding Occupational Exposure Limit Values)
Regulatory reference	Chemical Agents Code of Practice 2020

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment:

Gloves. Protective goggles. Protective clothing. Insufficient ventilation: wear respiratory protection.

Personal protective equipment symbol(s):



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8.2.2.1. Eye and face protection

Eye protection:

Safety glasses

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable working clothes

Hand protection:

Suitable protective gloves. Breakthrough time : refer to the recommendations of the supplier

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Colour	: White.
Appearance	: Powder.
Odour	: No data available.
Odour threshold	: No data available
Melting point	: No data available
Freezing point	: Not applicable
Boiling point	: Not applicable
Flammability	: Not flammable
Explosive limits	: Not applicable
Lower explosive limit (LEL)	: Not applicable
Upper explosive limit (UEL)	: Not applicable
Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
pH	: No data available
pH solution	: No data available
Viscosity, kinematic	: Not applicable
Solubility	: Dispersible.
Partition coefficient n-octanol/water (Log Kow)	: Not applicable
Vapour pressure	: No data available
Vapour pressure at 50 °C	: No data available
Density	: No data available
Relative density	: No data available
Relative vapour density at 20 °C	: Not applicable
Particle size	: No data available
Particle size distribution	: No data available
Particle shape	: No data available
Particle aspect ratio	: No data available

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Particle aggregation state	: No data available
Particle agglomeration state	: No data available
Particle specific surface area	: No data available
Particle dustiness	: No data available

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

None to our knowledge.

10.4. Conditions to avoid

None to our knowledge.

10.5. Incompatible materials

Acids. Light metals.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. In case of fire: See Heading 5.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	: Not classified (Based on available data, the classification criteria are not met)

Calcium carbonate (471-34-1)

LD50 oral rat	> 2000 mg/kg (OECD 420 method)
LD50 dermal rat	> 2000 mg/kg (OECD 402 method)
LC50 inhalation rat	> 3 mg/l/4h (OECD 403 method)

Calcium dihydroxide (1305-62-0)

LD50 oral rat	> 2000 mg/kg (OECD 425 method)
LD50 dermal rabbit	> 2500 mg/kg (OECD 402 method)
LC50 inhalation rat	> 6.04 mg/l/4h (OECD 436 method)

Skin corrosion/irritation	: Causes skin irritation. pH: No data available
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Serious eye damage/irritation	: Causes serious eye damage. pH: No data available
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)

Quartz (fine fraction < 1%) (14808-60-7)

IARC group	1 - Carcinogenic to humans
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Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	: May cause respiratory irritation.
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	: Not classified (Technical impossibility to obtain the data)

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute)	: Not classified (Based on available data, the classification criteria are not met)
Hazardous to the aquatic environment, long-term (chronic)	: Not classified (Based on available data, the classification criteria are not met)
Not rapidly degradable	

Calcium dihydroxide (1305-62-0)

LC50 fish	50.6 – 457 mg/l/96h
EC50 Daphnia	49.1 mg/l/48 h (OECD 202 method)
ErC50 algae	184.57 mg/l/72 h (Pseudokirchneriella subcapitata) (OECD 201 method)
NOEC (chronic)	2000 – 12000 mg/l microorganisms

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

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Partition coefficient n-octanol/water (Log Kow)	Not applicable
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12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

Component	
Calcium carbonate (471-34-1)	PBT : Not applicable (inorganic substance) vPvB : Not applicable (inorganic substance)
Quartz (fine fraction < 1%) (14808-60-7)	PBT : Not applicable (inorganic substance) vPvB : Not applicable (inorganic substance)

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Calcium dihydroxide (1305-62-0)	PBT : Not applicable (inorganic substance) vPvB : Not applicable (inorganic substance)
Kaolin (1332-58-7)	PBT : Not applicable (inorganic substance) vPvB : Not applicable (inorganic substance)

12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of in accordance with relevant local regulations.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

14.6. Special precautions for user

Overland transport

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

Inland waterway transport

Not applicable

Rail transport

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

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SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Abbreviations and acronyms:	
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
EC50	Median effective concentration
LC50	Median lethal concentration
LD50	Median lethal dose
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
NOEC	No-Observed Effect Concentration
PBT	Persistent Bioaccumulative Toxic
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
vPvB	Very Persistent and Very Bioaccumulative

Data sources : ECHA - European Chemicals Agency. SDS of suppliers.

Full text of H- and EUH-statements:	
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT RE 1	Specific target organ toxicity — Repeated exposure, Category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H315	Causes skin irritation.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H372	Causes damage to organs through prolonged or repeated exposure.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Skin Irrit. 2	H315	Calculation method
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Eye Dam. 1	H318	Calculation method
STOT SE 3	H335	Calculation method

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.