

MATERIAL SAFETY DATA SHEET ACCORDING TO Regulation (EU) 2015/830.

Printing Date: 27 January 2021

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Trade Name: TIERRAFINO CONCRETE LOOK

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

1.1 Product identifier

Trade name: Tierrafino CONCRETE LOOK

Reach Registration Number: Exempted in accordance Annex V.7

Substance description: Powder in various colours

1.2 Relevant identified uses of the substance or mixture

use: Decorative clay plaster for the interior

1.3 Details of the supplier of the safety data sheet

Tierrafino BV

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1013 BE Amsterdam

The Netherlands

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Emergency phone: +31206892515

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (Regulation (EC) No 1272/2008)

Not a hazardous substance or mixture.

2.2 Label elements

Labelling (Regulation (EC) No 1272/2008).

Not a hazardous substance or mixture.

3. COMPOSITION/INFORMATION ON INGREDIENTS SUBSTANCES

3.1 Substance name: Tierrafino CONCRETE LOOK

Hazardous ingredients: None.

Not a hazardous substance or mixture (Regulation (EC) No 1907/2006)

4. FIRST AID MEASURES

4.1 Description of first aid measures

If inhaled: Remove patient to fresh air.

On skin contact: First aid measures not required. Wash skin with soap and water, rinse abundantly. Do NOT use solvents or thinners.

On contact with eyes: Contact lenses should be removed. Flush with copious amounts of water (10 to 15 minutes), seek medical advice with irritation.

On ingestion: First aid measures not required. Do not induce vomiting. Seek medical advice with irritation.

General information: In all cases of doubt, or when symptoms persist, seek medical attention.

5. FIRE-FIGHTING MEASURES

Flammable class: Non flammable.

5.1 Extinguishing media: Foam (alcohol resistant), carbon dioxide, powders, water spray.
Unsuitable extinguishing media for safety reasons: water jet.

5.2 Surrounding fires: Use water spray or fog to cool exposed containers.

5.3 Special hazards arising from substance or mixture
Hazardous combustion products: No hazardous combustion products are known

Advice for fire-fighters: Standard protective equipment. Appropriate breathing apparatus may be required.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions: Spill area may be slippery. Follow safety instructions (chapter 7 + 8).

6.2 Environmental precautions: No special environmental precaution required

6.3 Environmental precautions:
Contain and collect spillage and place in a suitable container for disposal according with the waste regulations (see section 13). Preferably use water. Do not use solvents.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling: Use splash goggles when eye contact due to splashing is possible.

General: Handle in accordance with good industrial hygiene and safety procedures. Smoking, eating, and drinking are advised against in application area. Comply with the health and safety at work laws. Avoid Dust formation.

Personal protection: Avoid unnecessary exposure. Wash from eyes, skin and clothes.

Technical safety measures: Regular ventilation of the working area is necessary.

7.2 Storage: Store in a dry place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters & Occupational Exposure Limits:
MAC-value TGG 8 hour respirable dust: 3 mg/m³.
MAC-value TWA(TGG) 8 hour annihilable dust: 10 mg/m³.

Personal protection: Avoid unnecessary exposure to the product.

8.2 Respiratory Protection: No special breathing apparatus is required when handled normally, when the area is ventilated. With prolonged and high exposure to dust, wear a dust mask (P2).

Hand Protection: With normal use, no specific hand protection is required.

Skin Protection: With normal use, no specific skin protection is required.

Eye Protection: Required when there is a risk of eye contact.

Ingestion: With normal use, no specific protection is required. Avoid ingestion.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Physical state: Dry powder.

Colour: Various colours.

Odour: Characteristic.

Density: 1,350 g/cm³ at 20°C.

Solubility in water: Miscible.

10. STABILITY AND REACTIVITY

10.1 Reactivity: Stable under recommended storage and handling conditions (see section 7).

10.2 Chemical stability: No decomposition if stored and applied as directed

10.3 Possibility of hazardous reaction.

Hazardous reactions: Reacts with acids. It forms carbon dioxide (CO₂).

This displaces the oxygen in the air in closed spaces (danger of suffocation). When exposed to high temperature hazardous decomposition products such as carbon monoxide, carbon dioxide, smoke, oxides of nitrogen may be produced.

10.4 Conditions to avoid: Overheating.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

(a) Acute toxicity

Product

Acute oral toxicity : LD50 Oral (Rat): > 5.000 mg/kg

(b) Skin corrosion/irritation

Product:

According to the classification criteria of the European Union, the product is not considered as being a skin irritant

(c) Serious eye damage/eye irritation

Product:

According to the classification criteria of the European Union, the product is not considered as being an eye irritant.

(d) Respiratory or skin sensitisation

Product:

No data available

Further information

Product:

No data available

12. ECOLOGICAL INFORMATION

12.1 Toxicity

General: Not classified as dangerous for the environment.

Toxicity:

Toxicity to fish	: LC50: > 10.000 mg/l Exposure time: 96 h Species: Oncorhynchus mykiss (rainbow trout)
Toxicity to daphnia and other aquatic invertebrates	: EC50: > 1.000 mg/l Exposure time 48 h Species: Daphnia magna (water flea)
Toxicity to algae	: EC50: > 200 mg/l Exposure time: 72 h Species: Desmodesmus subspicatus (green algae)

Persistence and degradability:

Biodegradability : Not applicable

13. DISPOSAL CONSIDERATIONS

13.1 General: Avoid waste entering drains and water courses.

Waste treatment methods: Observe national and local legal requirements.

Contaminated packaging: Containers which are not properly emptied must be disposed of according to national and local legal requirements.

14. TRANSPORT INFORMATION

14.1 UN number

Not regulated as a dangerous good

14.2 Un proper shipping name

Not regulated as a dangerous good

14.3 Transport hazard class(es)

Not regulated as a dangerous good

14.4 Packing group

Not regulated as a dangerous good

14.5 Environmental hazards

Not regulated as a dangerous good

14.6 Special precaution for user

Remarks: Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

15.1 Safety, health, and environmental regulations/legislation specific for the substance or mixture
Reach - Candidate List of Substances of Very High Concern for Authorisation (Article 59). Not Applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer. : Not Applicable

Regulation (EC) No 850/2004 on persistent organic pollutants. : Not Applicable

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export import of dangerous chemicals. : Not Applicable

Seveso II - Directive 2003/105/EC amending Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances.
: Not Applicable

Seveso II - Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.
: Not Applicable

16. OTHER INFORMATION

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