



Safety Data Sheet

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(EC) nr 1272/2008 (CLP, Classification Labelling and Packaging)
EU, European Union. GHS.

1: Product and producer/supplier

Issued date:	2005-01-01
Revised date:	(2015-02-12) 2015-12-18, version 3.

1.1 Product

Trade namn, identification:	Final Finish FF 830.
Chemical name:	-
CAS-nr:	This product is a mixture, CAS.nr is not issued or relevant.

1.2 Main use of product, uses advised against:

Function:	Combimix FF 830 is a quick-drying finishing underlayment designed for skim-coating, smoothing and leveling prior to the application of floor coverings.
Area of use:	See above.
Uses advised against:	Not for construction molding etc. Always get advice from supplier before considering other use than recommended.
Comments:	-

1.3 Manufacturer/supplier:

Company name:	Combimix AB
Office address:	Verkstadsvägen 6
Postal code:	746 40
City:	Bålsta
State:	SWEDEN
Telephone:	+46 171 466590
Fax:	-
E-mail:	info@combimix.se
Website:	www.combimix.se

1.4 Emergency telephone number.

Emergency telephone:	985 893 4066
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2: Hazards identification

2.1 Classification of the substance or mixture.

Classification according to (EC) No 1272/2008 [CLP/GHS]:	Eye Dam. 1; H318. (Causes serious eye damage)
Classification CLP, comment:	Ready mixed (wet, not yet hardened) material is more aggressive than dry powder.
Substance/mixture hazardous properties.	Reacts with water, high pH-values occurs.

2.2 Label elements

Hazard pictograms (CLP)



Signal word:	DANGER
Hazard statements:	H318. (Causes serious eye damage)
Precautionary statements:	P102: Keep out of reach of children. P280: Wear tight covering eye protection/face protection. P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. P310: Immediately call a POISON CENTER/doctor.

2.3 Other hazards

PBT/vPvB:	None.
Other hazards:	May cause dry skin and skin cracks. The portland cement is chromium reduced, this reduction will last at least twelve months from manufacturing date. Sensitive people are advised to be extra careful.

3: Composition/information on ingredients

Component name:	Identification:	Classification:	Content::
Ground/crushed dolomite	CAS-nr. 16389-88-1	not classified	45 - 50%
Aluminate cement:	CAS-nr.: 65997-16-2	Not classified	25 - 30%
Portland cement:	CAS-nr.: 65997-15-1	Eye Dam. 1; H318 Skin Irrit. 2; H315 STOT SE3; H335 Skin Sens. 1; H317	5 - 10%
Tartaric acid	CAS-nr.: 87-69-4	Eye Dam.1; H318	<0,1 %
Ethoxylated fatty alcohol	CAS-nr: 9043-30-5	Acute tox. 4; H302 Eye Dam. 1; H318	<0,1 %

4:First aid measures

4.1 Description of first aid measures.

General:	By avoiding direct contact with wet or dry product most discomforts will be prevented.
Inhalation:	Move person to fresh air. Get medical advice if irritation persists or later develops.
Skin contact:	Dry product: remove and wash with soap and water. Wet product: remove contaminated clothes and wash before re-using. Wash skin with soap and water



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Eye contact:	Do not rub eyes. Remove contact lenses if present, and easy to do. Flush eyes immediately by rinsing with plenty of water. Seek immediate medical attention. Continue rinsing eyes.
Ingestion:	Do not induce vomiting. Drink water. If discomfort persists, call a physician.

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

Itchy, painful and watery eyes.
Eye contact with portland cement, or portland cement based mixtures may cause severe and potentially irreversible injuries.

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

Eyewash equipment must be easily accessible when working with the product. When contacting a physician, take this MSDS with you.

5: Firefighting measures

5.1 Extinguishing media.

This product is not combustible.

5.2 Special hazards arising from the substance or mixture.

None to expect.

5.3. Advice for firefighters.

Extinguishing media in contact with this product may adopt the same aggressive properties as the product itself. Protect your eyes.

6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures.

General: Take precautions to minimize inhaling or spreading of dust to animals or humans. Avoid direct contact with the product.

6.1.1 For non-emergency personnel.

See section 8 for protective equipment

6.1.2 For emergency responders.

See section 8 for protective equipment

6.2. Environmental precautions.

Avoid spreading to sewers, drainage systems, streams and similar.

6.3. Methods and material for containment and cleaning up.

Vaccum clean up is recommended for dry product, using shovels or brushes may cause irritating/hazardous dust. Wet product can be shoveled, avoid contact, wet material may develop corrosive properties. Hardened material is no longer aggressive or hazardous. Transport waste in sealed container.

6.4 Reference to other sections.

See section 13 for waste disposal.



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7: Handling and storage

7.1 Precautions for safe handling

Avoid eye contact, transport in sealed container.

7.2 Conditions for safe storage, including any incompatibilities.

Storage:	Store frost-free and out of reach of children and pets.
Other information:	-

7.3 Specific end use.

See section 1.

8: Exposure controls/personal protection

8.1 Control parameters

Component name	Identification	Value	Comment/year
Total dust	-	15 mg/m ³ , TWA.	OSHA, ACGIH
Portland cement	65997-15-1	1 mg/m ³ , TLV, respirable fraction.	ACGIH ,2014

DNEL/PNEC

No data.

8.2 Exposure controls.

Occupational exposure controls:	Avoid direct contact with the product.
Inhalation:	Dust may irritate and cause cough.
Hands:	Use suitable gloves.
Eye/face:	Tight, covering eye protection must be used during handling this product.
Skin:	Covering clothing.
Hygiene/environment:	Contaminated clothing must be washed before reuse. Wash bodyparts that have been exposed to the product.
Additional information:	-

Safety signs



9: Physical and chemical properties

9.1 Information on basic physical and chemical properties.

Physical state	Powder.
Colour	Grey.
Odour	Difficult to define.
pH (aqueous solution)	~ 11 when mixed with water.
Boiling point	Not relevant.
Melting point/melting range	Not relevant.
Flash point	-
Flammability	-
Explosion limit	Not explosive.
Solubility in water	Miscible with water. Cement, 0.1-1.5 g/L

Physical hazards.

Explosive properties	None
Oxidizing properties	None

9.2 Other information.

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10: Stability and reactivity

10.1 Reactivity.

Reacts with water, creates high pH (ca 11). Develops slight (harmless) warmth and hardens. When hardened the product is no longer hazardous or reactive.

10.2 Chemical stability.

Stable as long as properly stored.

10.3 Possibility of hazardous reactions.

None to expect.



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10.4 Conditions to avoid.

None in particular.

10.5. Incompatible materials.

None in particular.

10.6 Hazardous decomposition products.

None.

Additional information.

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11: Toxicological information

11.1 Information on toxicological effects.

Potential acute effects.

Inhalation	May cause irritation in the throat and respiratory tract. Coughing, sneezing and shortness of breath may occur.
Skin	Not considered hazardous. May cause irritation to sensitive people.
Eye	Risk of serious and permanent eye damage.
Ingestion	Discomfort and irritation of the digestive system if you swallow large amount (a mouth full).

Dealyed/Repeating

Sensitization	Not considered as sensitizing Sensitive people however are advised to avoid skin contact.
Other information	Long term or frequent exposure can cause dry and irritated skin to sensitive people.

12: Ecological information

12.1 Ecotoxicity.

Not classified as hazardous to the environment.

12.2 Persistence and degradability.

Not relevant.

12.3 Bioaccumulative potential.

Not relevant.

12.4 Mobility in soil.

Not relevant.

12.5 Results of PBT and vPvB assesement.



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No such ingredients.

12.6 Other adverse effects.

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13: Disposal considerations

13.1 Waste treatment methods.

Methods of removal/disposal	Transport in sealed container.
Hazardous waste product.	Dry, unhardened product shall be considered as hazardous waste. Hardened product is not hazardous waste.
Packaging classified as hazardous waste	No. Empty and well cleaned bags can be sent to combustion.
EWC waste code	16 03 03
Other information	Do not dispose in sewers systems and surface waters.

14: Transport information

14.1 UN-number.

None, not classified.

14.2 UN proper shipping name.

None.

14.3 Transport hazard class.

None

14.4 Packing group.

None

14.5 Environmental hazards

None.

14.6 Special precautions for user.

None.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 og IBC

Not relevant.

Other applicable information.

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15:Regulatory information

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

References	EWC = European waste catalogue, CLP= Classification, Labelling and Packaging, (EC) nr 1272/2008
Comments	-

15.2 Chemical safety assessment.

No.

16: Other information

Supplier's notes	Changes made in this version: Name of document changed to Safet Data Sheet. GHS added as legislation. R-phrases no longer valid and removed from section 2.1. Classification according to 67/548/EEC no longer valid, removed from section 3.
Classification	Eye Dam 1: Causes serious eye damage.
List of relevant R or/and H-phrases. From section 2 and 3.	R22: Harmful if swallowed. R36: Irritating to eyes. R37/38: Irritating to eyes and respiratory system. R 41: Risk of serious damage to eyes. H302: Harmful if swallowed. H315: Causes skin irritation. H317: May cause an allergic skin reaction H318: Causes serious eye damage H335: May cause respiratory irritation
List of relevant P-phrases.	P102: Keep out of reach of children. P280: Wear tight covering eye protection/face protection. P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. P310: Immediately call a POISON CENTER/doctor.
Abbreviations	CAS: Chemical Abstract Service. CLP: Classification, Labelling and Packaging TWA: Time Weighted Average (8 hours) TLV: Threshold Limit Value EWC: European Waste Catalogue. GHS: Globally Harmonized System.