

SDS-Safety data sheet

CORICAL



Date 06/10/2014

Revision 2

Printed 06/10/2014

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

1.1. Product identifier

Product name: **CORICAL**

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

Intended use: **Limewash mineral**
Use of the product is industrial only and/or professional.

1.3. Details of the supplier of the safety sheet

CORI s.r.l.
Via Arso, 146
36072 - Chiampo (VI) - ITALIA
Tel. + 39 0444 688 488
Fax. +39 0444 688 007
C.F. P.IVA e Reg.Imp. VI 01778730240 - Rea 183493 - Cap.Soc. € 78.000,00 i.v.
e-mail for informations about SDS **info@coripaint.it**
Web site **www.coripaint.it**

1.4. Emergency telephone number

Information about SDS **+39/0444 688 488** **ask about Safety Data sheet**
(Monday-Friday 8:00/12:00 ; 13:30 - 17:30)

For many questions visit our web site: **www.coripaint.it**

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

The product is classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP)
The product is classified dangerous accordingly to the directive.
The product is classified as hazardous pursuant to the provisions set forth Directive 67/548/CEE and Directive 1999/45/CE
The product is classified dangerous accordingly to the directive.
Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

2.2. Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements

Hazard pictograms



GHS 07, Attenzione, Skin Irritation 2



GHS 05, Pericolo, Eye Damage 1

Hazard state (Phrases H):

H315 Causes skin irritation
H318 Causes serious eye damage
H335 May cause respiratory irritation

Precautionary statements (Phrases P):

P102 Keep out of reach of children.
P264 Wash ... thoroughly after handling.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

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- P304 + P340** IF INHALED: Remove victim to fresh air and keep at rest in a position 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.
- P310** Immediately call a POISON CENTER or doctor/physician.
- P332 + P313** If skin irritation occurs: Get medical advice/attention.
- P362** Take off contaminated clothing and wash before reuse.
- P403 + P233** Store in a well-ventilated place. Keep container tightly closed.
- P501** Dispose of contents/container in accordance with national regulations.

Labelling in accord with the directive 67/548/CEE and directive 1999/45/CE

Symbols of danger:



Xi, Irritating

Sentences of risk (Phrases R):

- R37** Irritating to the respiratory system.
- R38** Irritating to skin.
- R41** Risk of serious damage to eyes

Instructions you recommend of prudence (Phrases S):

- S2** Keep out of the reach of children.
- S7** Keep container tightly closed.
- S15** Keep away from heat.
- S20** When using do not eat or drink.
- S21** When using do not smoke.
- S26** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S29** Do not empty into drains.
- S36/37** Wear suitable protective clothing and gloves.
- S42** During fumigation/spraying wear suitable respiratory equipment.
- S45** In case of accident or if you feel unwell seek medical advice immediately (show the label where possible).

2.3. Other hazards

Information not available

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

This substance is a mixture. The hazards information for the health to found him on the single components.

Identification	Conc. %	CAS number	CE number
Calcium hydroxide	25%-50%	1305-62-0	215-137-3
Etilenic glycol	<0,5%	107-21-1	203-473-3

3.2. Mixtures

The supplier declares that for the sentences R not you mention in the cap. 3, the content of the dangerous substances is inferior to the limits of law.

Any component dangerous according to the directive 67/548/CEE e/os of the rule (Us) 1272/2008.

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4. FIRST AID MEASURES

4.1. Description of first aid measures



General Indications:

- Inhalation: **Get medical advice/attention immediately. Remove victim to fresh air, away from the accident scene. If the subject stops breathing, administer artificial respiration. suitable precautions for rescue workers. Take suitable precautions for rescue workers.**
- Ingestions: **Have the subject drink as much as possible. Get medical advice/attention. Do not induce vomiting unless explicitly authorised by a doctor.**
- Eyes: **Wash immediately with plenty of water for at least 15 minutes and call a medical.**
- Skin: **Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention.**

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

For symptoms and effects caused by the contained substances, see cap. 11.

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

See cap. 4,1. In case of irresponsibility to set on a side in stable position and to consult a doctor.

5. FIREFIGHTING MEASURES

5.1. Extinguishing media



- Suitable extinguishing equipment: **The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.**
- Unsuitable extinguishing equipment: **None in particular.**

5.2. Special hazards arising from the substance or mixture

Produced not to inflammable watery base

5.3. Advice for firefighters

- Special protective equipment **Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN137).**
- General Information **Use jets of water to cool the containers to prevent product decomposition and the development of substance potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and remains of the fire according to applicable regulations.**

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6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Block the leakage if there is no hazard. Wear suitable protective equipment (including personal protective equipment referred to under cap. 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

6.2. Environment precautions

The product must not penetrate into the sewer or come into contact with surface water or ground water.

6.3. Methods and material for containment and cleaning up

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking cap. 10. Absorb the remainder with inert absorbent material. Make sure the leakage site is well aired. Check incompatibility for container material in cap. 7. Contaminated material should be disposed of in compliance with the provisions set forth in cap. 13.

6.4. Reference to other sections

Any information on personal protection and disposal is given in cap. 8 and 13

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat.

7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store the containers sealed, in a well ventilated place, away from direct sunlight. Keep containers away from any incompatible materials, see cap. 10 for details.

7.3. Specific end use(s)

Information not available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Component, present in the list ACGIH, whose values limit must be kept under control in the environments of job:

Description	TLV-TWA (ACGIH)	
	mg/m ³	ppm
Calcium carbonate	3	-

8.2. Exposure controls

To observe the usual safety measures in the manipulation of chemical substances.

Respiratory protection



The use of the respiratory tract protection equipment, such as masks like that indicated above, is necessary to reduce worker exposure in the absence of technical measures. The protection provided by masks (min. FFP2).

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Eye protection



Wear hood visor or protective visor together with airtight goggles (EN 166).

Hand protection



If not otherwise suitable, in case of prolonged contact, to use suitable gloves of resistant material and confirmed for type of material that he is treating. Protective barriers to base of creams can help to protect the exposed parts.

Skin protection



Wear long sleeved overalls and safety footwear.

Measures of hygiene

to Eliminate to end job the overall protetiva. To carefully wash the skin with water and soap or to use a detergent approved by medical authority. Don't employ organic solvents.organici.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid	
Colour	White or colored	
Odour	characteristic	
Changed state	Not available	
Flash point	Not available	
Initial boiling point	Not available	
Flammability point	Not available	
Autoaccensione	Not available	
Explosive hazard	Not explosive	
Specific Weight	1,31-1,35 Kg/l	Metod - UNI 8910
Solids contenutes	49-51%	Metod - MV PF 01
Viscosity Brookfield 20rpm	1.100 mPaxs	Metod - UNI 8490/3
pH	12-13	Metod - UNI 8490/4
Resistance to the washing	2,440 cicli	Metoo - UNI 10560
Resistance to the washing (16hx40°C a 200 cicli)	11,4 µm	Metod - ISO 11998
Classification Resistance to the washing	class 2	Metod - EN 13300
Taken of dirt	56,33 ΔL	Metod - MV AT 008
Classification Taken of dirt	Hight	Metod - UNI 10792
Coefficient of transmission to the vapor aqueous (v)	412,58 g/m ²	Metod - MV AT 036
Resistance to the diffusion of the vapor aqueous (s)	0,051 m	Metod - MV AT 036
Classification Permeability to the vapor	V1 Hight	Metod - UNI EN 1062-1
Permeability to the water liquid (w)	1,80 Kg/m ² *h ^{0,5}	Metod - MV AT 083
Classification Permeability to the water liquid	w1 Hight	Metod - UNI EN 1062-1
Solubility in water	Completely	
Contained maximum VOC	<1 g/l	Metod - MV ANS 26 + GC/MS

9.2. Other information

Information not available

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10. STABILITY AND REACTIVITY

10.1. Reactivity

There are particular risks of reaction with other substances in normal condition of use.

10.2. Chemical stability

The product is stable in normal condition of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid

None in particular. However the usual precautions used for chemical products should be respected.

10.5. Incompatible materials.

Information not available.

10.6. Hazardous decomposition products.

Information not available.

11. Toxicological information

11.1 Information on toxicological effects.

Toxicity acute:

Remarkable Values LD/LC50 for the classification

Etilenic glycol

ORL RAT LD50 > 4000 mg/Kg

Policarbossilate

ORL RAT LD50 > 5000 mg/Kg

Calcium Carbonate

ORL RAT LD50 > 5000 mg/Kg

Primary irritability on the skin:

Irritating

Primary irritability on the eyes:

Irritating

Primary irritability on the streets respiratory:

Irritating

Sensitization:

Possible effects sensitizing.

Further toxicological data:

Non available

Effects CMR:

Anybody

12. Ecological information

12.1 Toxicity

Information not available.

12.2. Persistence and degradability

Information not available.

12.3. Bioaccumulative potential

Information not available.

12.4. Mobility in soil

Information not available.

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12.5. Results of PBT and vPvB assessment

PBT	Non disponibile
vPvB	Non disponibile

12.6. Other adverse effects

Are not known information to respect.

13. Disposal considerations

13.1. Waste treatment methods.

Product:

Suggestions

Product residues should be considered special hazardous waste.

The hazars level of waste containing this product should be evaluated according to applicable regulations. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. Avoid littering. Do not contaminate soil, sewers and waterways.

Contaminated packaging:

Suggestions

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

Recommended detergent **Non available.**

14. Trasport information

14.1. Number ONU:

Not feasible

14.2. Spediction name ONU:

Not feasible

14.3. Hazard class connected transporte:

Not feasible

14.4. Packaging Group:

Not feasible

14.5. Hazard Environment:

Not feasible

14.6. Precautions for the utilizzatoris:

ADR/RID	is not dangerous
ADN	is not dangerous
ICAO/IATA	is not dangerous
IMDG/IMO	is not dangerous

14.7. Transport of more and variable products according to the enclosure II of MARPOL 73/78 and the code IBC

Not available

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15. Regulatory information

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

Seveso category:	None.
Restrictions relating to the product or contained substance pursuant to Annex XVII to Substances in candidate List (Art. 59 REACH):	cap. 3
Substances subject to authorisation (Annex XIV):	None.
Healthcare controls:	None.
Healthcare controls:	Not available.
Valutazione della sicurezza chimica:	Not necessary.
Nationals regulations:	VOC (Direttive 2004/42/CE) Expressed in grams liter of ready product to the use Category A/c - BA Paintings for external walls of support mineral Limite massimo 75 g/l (2007) - 40 g/l (2010) Limit maximum content VOC in the product < 1 g/l

Hazard state (Phrases H):

H315 Causes skin irritation
H318 Causes serious eye damage
H335 May cause respiratory irritation

Precautionary statements (Phrases P):

P102 Keep out of reach of children.
P264 Wash ... thoroughly after handling.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
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P501 Dispose of contents/container in accordance with national regulations.

Sentences of risk (Phrases R):

R37 Irritating to the respiratory system.
R38 Irritating to skin.
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Instructions you recommend of prudence (Phrases S):

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S20 When using do not eat or drink.
S21 When using do not smoke.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S29 Do not empty into drains.
S36/37 Wear suitable protective clothing and gloves.
S42 During fumigation/spraying wear suitable respiratory equipment.
S45 In case of accident or if you feel unwell seek medical advice immediately (show the label where possible).

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15.2. Chemical safety assessment.

No chemical safety assesment has been processed fot the mixture and the substance it contains.

16. Other information

The contained information in this safety card found him on our actual knowledges to the date of the last version and they are given in conformity to the community and national norms. The consumer must make sure some conditions of job in relationship to the specific use of the product. Responsabilitàs don't be assumed for improper uses. The information of this safety card furnish a description of the safety requisite of our product; they don't owe therefore a guarantee of the ownerships of the same product to be considered. Since the use of the product doesn't fall under our forehand control, it is obligation of the consumer to observe under his own responsibility the norms of hygiene, safety and protection of the environment anticipated from the laws in force. The present card annuls and replaces the preceding ones.

General bibliography

Directive 1999/45/CE and following amendments
Directive 67/548/CEE and following amendments and adjustments
Regulation (CE) 1907/2006 of the European Parliament (REACH)
Regulation (CE) 1272/2008 of the European Parliament (CLP)
Regulation (CE) 790/2009 of the European Parliament (I Atp. CLP)
Regulation (CE) 453/2010 of the European Parliament

Legend:

CE/CEE	European Conformity/Economic European Comunity
CLP	EC Regulation 1272/2008
REACH	EC Regulation 1907/2006
GHS	Globally Harmonized System of classification and labeling of chemicals
TLV	Thereshold Limit Value
LD50	Lethal dose
LC50	Lethal concentration
VOC	Volatile organic compounds

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability ant thoroughness of provided information according to each specific use of the product. This document must not be regarded as a guarantee on any specific product property. The use of this product is not subject to our direct control; therefore, users must, under their own responsibility control, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses. Provide appointed staff adequate training on how to use chemical products.