

ANC.ETS.STOOPEN & MEEUS S.A.

SAFETY DATA SHEET

Date : 29/06/07

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1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

PRODUCT : LIME PAINT

COMPANY : ANC.ETS.STOOPEN & MEEUS S.A.
VAN PRAETSTRAAT 22
2660 HOBOKEN - BELGIE
TEL : 3/825.00.55
FAX : 3/825.05.13

In case of emergency : B.I.G. TEL.: (32) 14.58.45.45 - FAX (32) 14.58.35.16

2. COMPOSITION AND INFORMATION OF THE INGREDIENTS

CHEMICAL DESCRIPTION :

Mixture of following products :

PRODUCT	CAS N°	EINECS N°
CALCIUM HYDROXIDE	1305-62-0	215-137-3
KAOLIN	1332-58-7	310-127-6
ORGANIC BINDER ADDITIVES	ADDITIVES	

3. POSSIBLE HAZARDS

Irritant for eyes and skin when sweating.

Fireproof: the product is not inflammable but the reaction of calcium hydroxide with an acid can provide sufficient chemical energy to inflame other inflammable products.

Symbols: Xi
R 21-22-36-37-38-41-43

4. FIRST AID MEASURES

AFTER INHALATION :

Possible complaints after inhalation : irritation, throat pain, coughing and sneezing
move to fresh air and inhale deeply.

AFTER SKIN CONTACT :

Possible complaints: red spotting, tingling, superficial burns in case of sweating
Immediately remove all contaminated clothing. After contact with skin, immediately wash with plenty of soap and water.

AFTER EYE CONTACT :

Possible complaints: red spotting, tears and burns
Wash affected eyes for at least 15 minutes under running water with eyelids held open.
Consult an eye specialist if irritation persists.

AFTER INGESTION :

Possible complaints: throat and abdominal pain, diarrhoea and vomiting
Immediately seek medical advice.

5. FIRE FIGHTING MEASURES

Product is not inflammable.

SUITABLE EXTINGUISHING MEDIA :

Calcium hydroxide dissolves at 580°C to form calcium oxide. Calcium oxide is not inflammable but is exothermic in presence of water and acids.

Use extinguishing media in powder form to extinguish a fire near the product.

Use an independent breathing apparatus in the immediate surroundings of the fire.

6. ACCIDENTAL RELEASE MEASURES

INDIVIDUAL PROTECTION PRECAUTIONS

Avoid skin and eye contact, wear impermeable safety shoes, gloves and goggles.

Protect your body with suitable clothing.

Do not inhale dust., Wear protective dust mask in badly ventilated areas.

ENVIRONMENTAL PRECAUTIONS

Repair leaks if possible without taking risks. Embank as much as possible the wasted product with inert material.

Inform the government if the product enters drains or open water.

Product may not be disposed of in surface water without preceding permission of the competent authorities.

(pH augments)

METHODS FOR CLEANING UP

Use an absorbent, inert material and eliminate in an appropriate way.

7. HANDLING AND STORAGE

HANDLING:

Mix with water in the open air or in well ventilated areas. Avoid dust formation.

STORAGE:

Keep in a dry place, protect against moisture. Keep away from acids.

PACKING:

In bags or containers.

The reaction of hydrate powder lime with an acid can create enough chemical energy to inflame, inflammable products.

Do not store near lightly inflammable products, in contact with acids, lime can produce a very strong heat development.

Do not use aluminium containers for storage or transport. Humid lime reacts with aluminium by release of hydrogen.

8. MEASURES AGAINST EXPOSURE / PERSONAL PROTECTION

Limit value for exposure in the air:

5mg/m³

Bronchial tubes protection:

wear dust mask in bad ventilated areas

Eye protection:

wear goggles

Hand protection:

wear safety gloves

Skin protection:

wear suitable clothes (shirts with long sleeves, long trousers over impermeable shoes)

Environmental protection:

slaked lime is considered to be non eco-toxic

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM : POWDER

COLOUR : WHITE

MELTING POINT/RANGE

becomes calcium oxide at 580°C

BOILING POINT/RANGE

becomes calcium oxide at 580°C

DENSITY

+/- 0,5 g/cm³

SOLUBILITY IN WATER

insoluble

pH VALUE

10-11 g/l

FLASH POINT

not inflammable

SELF- IGNITION TEMPERATURE

not self ignitable

10. STABILITY AND REACTIVITY

STABILITY: product is stable, almost insoluble
REACTIVITY: reacts with acids by forming calcium salts and creation of heat
DECOMPOSITION TEMPERATURE: 580°C with formation of CaO
DIVIDING COEFFICIENT P (n-octanol-water): none
CIRCUMSTANCES TO AVOID: humidity
MATERIALS TO AVOID: acids
DANGEROUS DECOMPOSITION MATERIALS: none

11. TOXICOLOGICAL INFORMATION

CONTACT WITH EYES: very irritant
CONTACT WITH SKIN: the powder can cause skin irritation
INGESTION: small quantities in powder form or mixed with water will most probably not cause serious damage
INHALATION: powder is very irritant for the bronchial tubes

12. ECOLOGICAL INFORMATION

Basic material that can increase pH up to 12,5 by a concentration of 1.600 mg/l. Calcium hydroxide will dissolve itself increasingly to re-carbonate to form calcium carbonate (CaCO₃). Calcium carbonate is neutral on ecological level.

ECOTOXICITY:
The material may not be released in surface water without control., The increase of pH by high concentrations is harmful to fish.

13. INSTRUCTIONS FOR DISPOSAL

PRODUCT: Must be disposed of regarding the national and local legislation.
Specific European legislation for disposal of this product does not exist.

14. INFORMATION WITH REGARD TO TRANSPORTATION

Not classified as hazardous under transport regulations. Avoid dust formation.

15. REGULATORY INFORMATION

LABELLING ACCORDING TO EG-DIRECTIVES

PRODUCT :
SYMBOL : Xi : irritant
R-sentences : 36/38 irritant to eyes and skin
37 irritant to bronchial tubes
41 danger for serious eye damage
43 can cause sensitivity in contact with skin
S-sentences : 2 keep out of reach for children
22 do not inhale dust
24/25 avoid contact with eyes and skin
26 after contact with eyes: immediately rinse with plenty of water, eyelids opened,
and seek medical advise
27 immediately remove contaminated clothes
28 after contact with skin: immediately rinse with plenty of water
36/37/39 wear suitable protective clothing, gloves and goggles
38 in case of insufficient ventilation wear a protective dust mask

16. FURTHER INFORMATION

N.A. : Not Applicable

N.I.A.: No Information Available

THE INFORMATION CONTAINED HEREIN IS BASED ON THE PRESENT STATE OF OUR KNOWLEDGE AND DOES NOT THEREFORE GUARANTEE CERTAIN PROPERTIES. RECIPIENTS OF OUR PRODUCT MUST TAKE RESPONSIBILITY FOR OBSERVING EXISTING LAWS AND REGULATIONS.

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