

Material Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 07.07.2010

Revision: 07.07.2010

1 Identification of substance

- **Product details**
- **Trade name** Historic Lime Base Colour
- **Article number:** 6550-58
- **Application of the substance / the preparation** Coating
- **Manufacturer/Supplier:**
Remmers Baustofftechnik GmbH
Postfach 1255
D-49624 Lönningen / Germany
Tel.: 05432/83-0
Fax: 05432/3985
- **Informing department:**
Product Safety department: Tel.: +49 (0)5432/83-138/-538
E-Mail: sales@remmers.co.uk
- **Emergency information:**
during working hours:
U.K.: Tel.: +44 (0) 845 373 0103
Far East: Tel.: +65(0) 67410277
Head Office Germany: Tel.: +49 (0)5432 83 185
after working hours: Tel.: +49 (0)171/6428-297

2 Hazards identification

- **Hazard designation:** not applicable
- **Information pertaining to particular dangers for man and environment**
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Classification system**
The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** aqueous dispersion

· **Dangerous components:**

CAS: 1305-62-0	calcium dihydroxide	Xi; R 36/38	5-10%
EINECS: 215-137-3			

- **Additional information** For the wording of the listed risk phrases refer to section 16.

4 First aid measures

- **General information** No special measures required.
- **After inhalation** No special requirements.
- **After skin contact** Wash immediately with water and soap and rinse thoroughly.
- **After eye contact**
Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
- **After swallowing**
Do not induce vomiting; call for medical help immediately.

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Rinse out mouth and then drink plenty of water.

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5 Fire fighting measures

- **Suitable extinguishing agents**
CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Person-related safety precautions:** Avoid skin contact. Avoid eye contact.
- **Measures for environmental protection:** Do not allow to enter sewage system, surface or ground water.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Additional information:**
No dangerous materials are released.
See Section 8 for information on personal protection equipment.

7 Handling and storage

- **Handling**
- **Information for safe handling:** Ensure good ventilation/exhaust in workplaces.
- **Information about protection against explosions and fires:** No special requirements.
- **Storage**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information on storage in a common storage facility:** none
- **Further information about storage conditions:** None.

8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.

- **Components with limit values that require monitoring at the workplace:**

1305-62-0 calcium dihydroxide	
WEL	Long-term value: 5 mg/m ³

- **Additional information:** The lists that were valid during compilation were used as a basis.
- **Personal protective equipment**
- **General protective and hygienic measures**
Observe the usual precautionary measures when handling chemicals.
- **Respiratory equipment:** not required.
- **Protection of hands:** Impervious gloves
- **Material of gloves** Nitrile rubber, NBR
- **Penetration time of glove material**
Break through time: max. 240 min (DIN EN 374).
The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Safety glasses recommended during refilling.

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9 Physical and chemical properties:

· General Information

Form:	Pasty
Colour:	Different, according to dye
Odour:	Characteristic

· Change in condition

Melting point/Melting range:	Not determined
Boiling point/Boiling range:	Not determined

· **Flash point:** Not applicable

· **Self-inflammability:** Product is not self-igniting.

· **Danger of explosion:** Product is not explosive.

· **Density at 20°C** 1 g/cm³

· Solubility in / Miscibility with

Water: Fully miscible

· **pH-value at 20°C:** 11

· Viscosity:

dynamic at 20°C: 2500 mPas

· Solvent content:

Organic solvents: 0 %

10 Stability and reactivity

· Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

· **Dangerous reactions** No dangerous reactions known

· **Dangerous decomposition products:** No dangerous decomposition products known

11 Toxicological information

· Acute toxicity:

· LD/LC50 values that are relevant for classification:

1305-62-0 calcium dihydroxide

Oral	LD50	7340 mg/kg (Ratte)
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· Primary irritant effect:

· **on the skin:** Light irritation of the skin possible in case of repeated exposure.

· **on the eye:** Light irritating effect possible.

· **Sensitisation:** No sensitising effect known.

· Additional toxicological information:

The product is not subject to labelling based on the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to directions, the product does not have any harmful effects according to our experience and the information available.

12 Ecological information:

· General notes:

Water hazard class 1 : slightly hazardous to water.

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Do not allow product to reach ground water, bodies of water or sewage system, even in small quantities.

13 Notes on disposal:

- **Product:**

- **Recommendation**

The given refuse codes are recommendations based upon the intended use of the product. Because of special use and disposal conditions at the user's, other codes may apply under other conditions.

- **European waste catalogue**

08 01 20	aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19
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- **Uncleaned packaging:**

- **Recommendation:** Disposal must be made according to official regulations.

- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

14 Transport information

- **Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)**

- **ADR/RID-GGVS/E Class:** -

- **Maritime transport IMDG/GGVSea:**

- **IMDG/GGVSea Class:** -

- **Air transport ICAO-TI and IATA-DGR:**

- **ICAO/IATA Class:** -

- **Transport/Additional information:** Not a hazardous good according to the above regulations.

15 Regulatory information

- **Designation according to EC guidelines:**

Observe normal safety precautions for handling chemicals

The product is not subject to labelling in accordance with EC Guidelines and the Ordinance on Hazardous Materials (GefStoffV).

- **Safety phrases:**

24/25 Avoid contact with skin and eyes.

- **National regulations**

- **Water hazard class:**

Water hazard class 1: slightly hazardous to water according to appendix 4 VwVwS

16 Other information:

This data is based on our present state of knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally valid contractual relationship. Delivery specifications are found in the respective Technical Information Sheets.

- **Relevant R-phrases**

36/38 Irritating to eyes and skin.

- **Department issuing data specification sheet:** Product Safety department