

SDS RASANTE IMB30	Revisal 01	Date of issue: 15.02.2013
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SAFETY DATA SHEET
(in accordance with Annex II of the REACH Regulation (EC 1907/2006), with the CLP Regulation (EC 1272/2008) and EC Regulation 453/2010)

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

1.1-Name: RASANTE IMB30 MEGASTUK

Trade name: RASANTE IMB30 MEGASTUK

1.2-Relevant uses: mortar ready for use

1.3-Uses advised against: /

1.4-Producer: IMPEX COLOR S.r.l.

Via V. Pareto, 19

31030 Dosson di C. (TV)

impex@impexcolor.com

1.5-Emergency telephone number: (depends on the place where you are)

Toxicological information center: (depends on the place where you are)

European emergency call: 112 (or depends on the place where you are)

2. HAZARDS IDENTIFICATION

2.1-Classification of the mixture

Classification according to Regulation 1272/2008/CE:



GHS05 corrosion

Eye Dam. 1 H318 – Causes serious damage to eyes



GHS07

Skin Irrit. 2 H315 – Causes skin irritation

Skin Sens. 1 H317 – May cause an allergic skin reaction

STOT SE 3, H335 – May irritate the respiratory tract

Classification according to Directive 67/548/CEE or Directive 1999/45/CE:

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X-n; irritating

R37 – Irritating to respiratory system

R38 – Irritating to skin.

R41 – Risk of serious damage to eyes

2.2.1 – Label elements in accordance with Regulation n. 1272/2008

Directions pertaining to particular dangers for man and environment: the product has to be labeled due to the calculation procedure of the “General Classification guideline for preparations of the Community” in the latest valid version.

Classification system: the classification is in line with current CEE lists, and estende by information from tecnica literature and by information furnished by supplier.

Further informations: classification with respect to the irritating effects to the skin and eyes is based on the results of animal experiments.

Hazards:

H315 – Causes skin irritation

H317 – May cause an allergic skin reaction

H318 – Causes serious damage to eyes

H335 – May irritate the respiratory tract

Safety advise:

P102 – Keep out of reach of children.

P280 – Wear protective gloves/ clothing and protect eyes and face.

P305+P351+P310 – IN CASE OF CONTACT WITH EYES: rinse thoroughly for several minutes.

Immediately contact a physician or emergency number.

P302+P352 – IN CASE OF CONTACT WITH SKIN: wash with plenty of soap and water.

P261 – Avoid breathing dust.

P304+P340 – IN CASE OF INHALATION: remove victim to fresh air and keep at rest in a position comfortable for breathing.

P501 – Dispose of the product in accordante with the applicable National legislation.

2.2.2 – Label elements according to Directive 1999/45/CE

The product has been classified and marked in accordante with EU Directives / Ordinance on Hazardous.

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Symbol:



Hazards: Xi irritating

Hazard-determining components of labeling:

Calcium hydroxide

Phrases R – nature of the specific risks:

R37 – Irritating to respiratory system

R38 – Irritating to the skin

R41 – Risk of serious damage to eyes

Phrases S – safety advice:

S2 – Keep out of the reach of children

S22 – Do not breathe dust

S24+S25 – Avoid contact with eyes and skin

S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical specialist

S36+S37 – Wear protective clothing and gloves

S39 – Making use of protective equipment for eyes and face

S46 – If swallowed, immediately consult a specialist doctor and show this container or label.

More details: not applicable

Information concerning particular hazards for human and environment: the dust produced by mixture in the bag can cause respiratory irritation. Repeated inhalation of high amount of dust increases the risk of lung disease. As soon as the mixture comes into contact with water or becomes wet, it forms a strongly alkaline solution. Due to the high alkalinity of the wet mortar may cause irritation to skin and eyes. Especially in the case of prolonged contact (eg, remaining on his knees in the long wet mortar) there is a risk that the alkalinity leads to serious skin damage

2.3-other hazards

Property PBT o vPvB: substance does not meet the criteria to be a PBT or vPvB.

Other hazards: the percentage of respirable crystalline silicon oxide is less than 1%. Therefore the product is not subject to identification requirements. However, it is advisable to protect the airway.

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3. COMPOSITION - INGREDIENTS

3.1-Hazardous substances

Name: Calcium dihydroxide

Description: mixture of substances listed below with nonhazardous additions

Hazardous substances:

CAS: 1305-62-0 Calcium dihydroxide (10-25%); 471-34-1 Calcium carbonate (10-25%)

EINECS: 215-137-3 Xi irritante R37/R38/R41; 207-439-9

Reg.nr.: 01-2119475151-45 Eye Dam.1, H318; Skin Irrit.2, H315; STOT SE 3, H335

4. FIRST AID MEASURES

4.1-Description of first aid measures

General information: in case of acute pain, contact a medical specialist.

Inhalation: remove source of dust or move person to fresh air. If the subject is unconsciousness bring patient into stable side position during transport in a secure place. Consult a physician immediately.

Skin contact: Wash immediately and thoroughly the contaminated surface of the body with soap and water to remove all traces of product. Remove contaminated clothing and if necessary seek medical advice.

Eye contact: Immediately flush eyes with water and consult a doctor if necessary.

Ingestion: Rinse mouth with water and afterwards drink plenty of water. Do NOT induce vomiting and seek medical advice.

Note to physican: Symptomatic treatment

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

Most important symptoms and acute effects: the Calcium dihydroxide is not acutely toxic by the oral, dermal or inhalation.

The substance is classified as irritating to the skin and the respiratory tract, leading to a risk of serious damage to eyes. There are concerns over adverse systemic effects because local effects (effects pH) are the major health hazards.

Main lagged effects: No known delayed effect

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

5. FIRE-FIGHTING MEASURES

5.1-Extinguishing

Suitable extinguishing media: The product is not flammable. To extinguish surrounding fire extinguishers use dry powder , foam or CO2. Apply extinguishing measures appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media : Do not use water.

5.2-Special hazard arising from the mix

Hazard from the mixture: in case of fire may form inorganic powders. Avoid formation of dust.

Reacts with alkaline water.

5.3-Advice for firefighters

Respiratory protection: Wear protective equipment. Remove unprotected persons . Protect the airway with a mask. If necessary , use suitable respirator and possibly wear a complete fire suit.

Procedures: Avoid formation of dust . Apply extinguishing measures appropriate to local circumstances and the surrounding environment , then dispose of as required by law fire debris and contaminated water used for extinguishing.

6. ACCIDENTAL RELEASE MEASURES

6.1-Personal precautions, protective equipment and emergency procedures.

6.1.1-For non – emergency personnel

Personal precautions: Avoid formation of dust and contact with eyes , skin and inhalation - Wear suitable protective clothing (see Section 8).

Directions: Ensure adequate ventilation or use respiratory protection equipment. Avoid inhalation of dust.

Procedures: Keep dust levels to a minimum. Keep unprotected persons away from the area.

6.1.2-For emergency responders

Suitable material for the PPE: Refer to Section 8

6.2-Environmental precautions

Recommendations: confine spill. If possible keep the material dry . If possible, cover the area to avoid the risk of dust.

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Avoid uncontrolled spills to watercourses or sewers (due to increase in pH). Only after complete hardening is allowed that the product arrives in contact with the soil, groundwater and surface water.

6.3-Methods and materials for containment and clearing up

Methods for containment and collection: pick up the product mechanically keeping you dry and solid.

Dispose of the material collected according to regulations.

Methods for cleaning up: Use vacuum suction unit, or transfer in bags with a spatula

Other information: Always avoid dust formation, if possible keep the material dry and solid.

6.4-Reference to other sections

References: see sections 7 and 8 for the manipulation and control of individual exposure. See Section 13 for disposal.

7. HANDLING AND STORAGE

7.1-Precautions for safe handling

Specific precautions: Avoid contact with skin and eyes. Wear protective equipment (refer to Section 8 of this safety data sheet). Do not wear contact lenses when handling this product. We also suggest the presence of a device eyewash individual. Keep dust levels to a minimum and to minimize the generation of dust. Circumscribe the source of dust, use a ventilation system (dust collector toward collection points).

General hygienic precautions: Avoid inhalation or ingestion and contact with skin and eyes. For safe handling of the substance is necessary to respect the general measures of occupational hygiene. These measures include good personal practices and management (eg regular cleaning with suitable cleaning), do not smoke, eat or drink in the workplace. Clean and change clothes at end of work shift. Do not wear contaminated clothing at home.

Information about protection against explosions and fires: no special measures required.

7.2-Conditions for safe storage, including any incompatibilities

Storage: the mixture should be stored in a dry place, preferably in closed containers. Any contact with air and moisture should be avoided. Keep out of the reach of children. Keep away from foodstuffs, beverages and any fodder.

Further information about storage conditions: Protect from moisture and water.

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7.3-Specific End Uses

Recommendations: There is no information available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1-Control Parameters

Components with limit values that require monitoring at the workplace: 1305-62-0 Calcium dihydroxide (10-25%)

TWA (Italy) 5 mg/m³

IOELV (European Union) 5 mg/m³

REACH (Germany) short-term value: 4 A mg/m³

long-term value: 1 A mg/m³

DFG 1/2003

471-34-1 Limestone (calcium carbonate) (10-25%)

TWA (Italy) 10 mg/m³ (e)

DNEL

1305-62-0 Calcium hydroxide

By inhalation: DNEL (15 min.) 4mg/m³ (the worker)

DNEL (8h) 1 mg/m³ (the worker)

Additional Occupational Exposure Limit Values for possible hazards during processing:
components with a limit value of powders general

MAK (TRGS 900) (Germany): short-term value 6 A 20 E mg/m³

long-term value 3 A 10 E mg/m³

A – IFA 6068 (2003) E – IFA 7284 (2003)

A (= fraction hive) E (= inspirable fraction) (DIN EN 481)

8.2-Exposure controls

Control techniques: in order to check for possible exposure, you should avoid the generation of dust. It is also recommended to wear appropriate PPE. It is essential to use eye protection devices (eg goggles or visors), unless the nature and type of application to exclude a potential contact. In addition, where appropriate you should protect your face and wear protective clothing and safety shoes. If use generates dust, use containment systems, local exhaust ventilation to keep airborne dust levels below the recommended exposure limits.

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Eye and face protection : Do not wear contact lenses. For dust , wear eye protection with side shields or face shield sealed . We also suggest the presence of a device eyewash individual .

Skin Protection : Use protective gloves , protective clothing standard work that completely cover your skin, wear long pants , long-sleeved jumpsuit with connections closing of openings and shoes resistant to caustics and dust.

Respiratory protection: it is recommended that a system of local exhaust ventilation to maintain dust levels below the predetermined threshold values . It is recommended that a special mask with particle filter , depending on the anticipated exposure levels : Refer to the attached exposure scenario .

Thermal hazards : the substance is not dangerous heat , so no special considerations are needed .

8.3 - Environmental exposure controls

Precautions: all ventilation systems shall be equipped with a filter. Avoid release to the environment . The accidental release of the product into public waters may cause an increase in pH. In the case of pH greater than 9 may be produced toxicological effects .

9. PROPERTY PHYSICAL AND CHEMICAL

9.1-Information on basic physical and chemical

Appearance: solid material with a particle size from 0 to 4 mm

Odor: odorless

Steam pH 10.5

Form: powder

Color: white

Change of state - melting temperature / Melting range:> 1300 ° C

Boiling point / Boiling range: not applicable

Flash point: not applicable

Flammability (solid / gas): not applicable

Ignition temperature: Decomposition temperature: Not determined

Self-igniting: Product is not self-inflammable

Danger of explosion: Product is not explosive

Density: Not determined Density at 20 ° C: approx. 1300 - 1400 kg/m3

Solubility / miscibility in water: Slightly soluble

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Solvent content / organic solvents: 0.0%

Solid content: 100%

9.2-Other Information

More information: not available

10. STABILITY AND REACTIVITY

10.1 -Reactivity

Reactivity : reacts with alkaline water . In contact with water takes place a calculated reaction , in which the product hardens to form a solid mass , which does not react with the surrounding environment .

10.2 - Chemical Stability

Stability: Stable under normal conditions of handling and storage.

10.3 Possibility of hazardous reactions

Thermal decomposition: No decomposition if the product is used according to law.

Reactions : Reacts exothermically with strong acids and oxidizing agents.

10.4 Conditions to avoid -

Conditions to be avoided to minimize the exposure to air and moisture, then water , to avoid degradation .

10.5 Incompatible materials -

Incompatible Materials : Reacts exothermically with acids. The mixture is moistened alkaline and reacts with acids, ammonium salts and non-noble metals such as aluminum, zinc and brass.

10.6 - Hazardous decomposition products

Products : No hazardous decomposition products .

Minimum shelf life : indicated in the back of the bag

11. TOXICOLOGICAL INFORMATION

-11.1 Information on toxicological effects

General Information: It is classified as an irritant of the skin and the respiratory tract and involves a risk of serious damage to eyes. The finished mixture is not tested. The statement is consistent with the characteristics of the individual components.

Acute toxicity: it is not acutely toxic.

LD/LC50 values relevant for classification: 1305-62-0 Calcium dihydroxide

Oral LD50 7340 mg / kg (rat) (OECD 425)

> 2500 mg / kg (rabbit) (OECD 402)

Dermal LD50> 2500 mg / kg (rabbit) (OECD 402)

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Corrosion / irritation: the substance presents a risk of serious damage to eyes and is irritating to the skin. From data on humans it can be concluded that the MDH football is irritating to the respiratory tract. Based on available data, the substance is classified as irritating to skin (R38 irritating to skin , Skin irrit 2 ; H315 causes skin irritation) and very irritating to eyes (R41 Risk of serious damage to eye , eye damage 1 ; H318 causes serious eye damage) .

Eye damage / eye irritation : football MDH poses a serious risk of damage to the eyes and is irritating to the skin. Based on available data, the substance is classified as very irritating to eyes (R41 Risk of serious damage to eye , eye damage 1 ; H318 causes serious eye damage) .

Respiratory or skin sensitization : No data available . Football MDH is not considered a skin sensitizer.

Germ cell mutagenicity : the substance is devoid of any genotoxic and carcinogenic properties .

Reproductive toxicity : football is not toxic to reproduction or development .

12. ECOLOGICAL INFORMATION

12.1 Toxicity

The finished mixture is not tested. The statement is consistent with the characteristics of the individual components.

Aquatic toxicity: 1305-62-0 Calcium dihydroxide

EC50 (48h) 49.1 mg / l (invertebrates)

EC50 (72h) 184.57 mg / l (algae)

LC50 (96h fresh water) 50.6 mg / l (fish)

LC50 (96h seawater) 457 mg / l (fish) and 158 mg / l (invertebrates)

12.2 Persistence and degradability-

Biodegradability: Not relevant for inorganic substances. Can not be eliminated from water by biological treatment of sewage.

12.3 Potential for bioaccumulation-

Bioaccumulation and mobility of soil: not relevant for inorganic substances

12.4 Mobility in soil-

Evaluation results: football MDH has a low mobility in most soils.

Toxic effects on the environment: only by increasing the pH value of nell'asporto large quantities.

12.5-Results of PBT and vPvB

Evaluation results: not applicable

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12.6 Other adverse effects-

Results of the evaluation: There is no other information.

12.5-Results of PBT and vPvB

Evaluation results: not applicable

12.6 Other adverse effects-

Results of the evaluation: There is no other information.

13. WASTE DISPOSAL

13.1 - treatment methods of waste

Directions : Discharge of calcium hydroxide must be made in accordance with any national and local levels.

Processing, use or contamination of this product may change the waste management options .

Dispose of container and unused quantity must be in compliance with national and local regulations. The packaging used is intended only for the packaging of this product , and should not be used for packing other products. Completely emptied after use.

Tips : Do not be disposed together with household garbage and not empty into drains . To harden mortar residue with water and once dry take them to the landfill construction materials .

European waste catalog :

16 03 03 - inorganic wastes , containers of hazardous substances (for residues of the product not working)

17 09 04 - mixed construction and demolition , different from those in the 17 09 01 17 09 2:17 09 03 (for the mixture is mixed with water and then hardened) .

15 01 01 - packaging paper and cardboard (for empty containers without residual product

14. TRANSPORT INFORMATION

14.1-UN-

not Regulated

14.2-shipping name

not Regulated

14.3-hazard class transport

not Regulated

14.4 Packing group-

not Regulated

14.5-Environmental Hazards

not Regulated

MARINE POLLUTANT: NO

14.6 Special precautions for user-

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Avoid any release of dust during transportation using tanks airtight for powders and covered trucks for the blocks.

-14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
not Regulated

15. REGULATORY INFORMATION

15.1-Standards and legislation on health, safety and environment specific for the substance or mixture

Specific legislation:

Permissions: not required

Restrictions on use: None

Other EU regulations: there is a substance in Seveso, neither a substance nor an ozone depleting substance pop (persistent organic pollutant)

National regulations: Water hazard class 1 (WGK1) (Self-assessment): slightly hazardous

General legislation:

1. Directive 67/548/EEC and subsequent amendments
2. Or CLP Regulation 1272/2008/EC
3. Called REACH Regulation 1907/2006/EC

15.2-Not subject atmospheric emissions (DPR May 24, 1988, no. 203 and DM 12 July 1990).

15.3-Atre regulations: PD 27/04/55 n. 547 accident prevention

Presidential Decree 19/03/56 n. 303 hygiene work

Legislative Decree 19/09/94 n. 626 security

16. OTHER INFORMATION

The information contained in this safety data sheet are based on normal current knowledge and is provided in accordance with the regulations currently in force (see Section 15 - Regulatory Information) . The products are intended for professional use only and must not be used for any other purpose. We accept no responsibility for uses improper .

It 's always the user's responsibility to comply with hygiene safety and environmental protection provided by applicable law. The information contained in this MSDS is meant as a description of the characteristics of the products for safety . We can not accept any liability in a general sense as the systems of application and uses of products are generally outside of our control. It is recommended that in any case you want to adjust the application of our products on the nature and condition of the substrate and to examine the suitability of the product by testing sample.

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16.1-Indications of changes: -

16.2-Abbreviations and acronyms:

RID: the Regulation of the international concernant des transport for merchandise dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organization

MAK: Maximale Arbeitsplatz-Konzentration (maximum concentration of a chemical substance in the workplace. Austria / Germany)

ADR: Accord européen des its the transport for merchandise Dangereuses par Route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

DNEL: Derived No-Effect Level (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

16.3-issuing MSDS:

IMPEX COLOR SRL – impex@impexcolor.com