

Trade name: GRAVA Wall Primer Sealer No. 408
Revision date: 04.11.2011
Print date: 05.04.12

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name: **GRAVA Wall Primer Sealer**
Article number: 408

1.2. Relevant identified use

On interior surfaces.

1.3. Details of the supplier of the safety data sheet

Manufacturer:

LIVOS Pflanzenchemie GmbH & Co KG
Auengrund 10
D – 29559 Wrestedt
Email: info@livos.de

Information contact: LIVOS +49 (0)5825-88-0

1.4. Emergency Telephone Number:

+49 (0)30-30686-717 (Advice centre for poisoning, Berlin, 24h, German and English)

2. Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008 [CLP/GHS]

The preparation is not dangerous in the sense of the guideline.

Classification according to 67/548/EEC or 1999/45/EC

The preparation is not dangerous in the sense of the guideline.

2.2. Label elements

Not applicable.

Hazardous components for labelling

Not applicable

Hazard statements

Not applicable

Precautionary statements

Not applicable

2.3. Hazardous components for labelling

Contains limonene. Can cause allergic reactions.

3. Composition/information on ingredients

3.1. Substances

This product is a mixture.

3.2. Mixtures

Description: Preparation of Water, dammar resin, shellac, Venetian larch resin, rosemary oil, beeswax, linseed oil, borax, ethanol, methyl cellulose, orange oil, Isoaliphates and silver chloride.

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Hazardous ingredients

ISOALKANES; CAS-No.: 90622-58-5, EINECS: 918-167-1

Percent: 1-10 %

Classification according to 1272/2008/EC: Asp. 1, H304; Aqu.chron.4, H413;

Classification according to 67/548/EEC: Xn, R65,66; R53;

BORAX; CAS-No.: 1303-96-4, EINECS: 215-540-4

Percent: < 1 %

Classification according to 1272/2008/EC: Repr. 1B, H360FD; Eye Irrit., H319;

Classification according to 67/548/EEC: Xi, R36; T, R60-61;

4. First aid measures**4.1. Description of first aid measures****General information:**

Remove clothing contaminated by the product.

In case of inhalation:

Not applicable.

In case of skin contact:

Wash the skin area with water and soap.

In case of eye contact:

Flush immediately and thoroughly with plenty of water until the irritation diminishes. In case of persistent eye irritation, visit your optician.

In case of ingestion:

Give plenty of water to drink. Consult a physician if problems persist.

5. Fire-fighting measures**5.1. Extinguishing media****Suitable extinguishing media:**

The product is not flammable. Co-ordinate the extinction measures with the environment.

Unsuitable extinguishing media:

No restriction.

5.2. Special hazards arising from the substance or mixture

Not applicable.

5.3. Advice for fire-fighters

Not applicable.

6. Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Not applicable.

6.2. Environmental precautions:

Do not allow to enter in water bodies or drains.

6.3. Methods and material for containment and cleaning up

Leaked material must be picked up/gathered mechanically.

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7. Handling and storage

7.1. Precautions for safe handling

Protective measures

Not applicable.

Precautions against fire and explosion:

Not applicable.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

Store cool and dry. Do not store below +5°C. Protect against heat and direct exposure to the sun.

Requirements for storage rooms and vessels:

Keep container tightly closed.

Hints on storage assembly:

Not applicable.

7.3. Further information

Not applicable.

8. Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits:

ISOALKANES; CAS-No.: 90622-58-5

Specification: TRGS 900, Nr. 2,9

Value: 600 mg/m³ (Occupational exposure limit value (AGW) Germany)

8.2. Exposure controls

Recommended methods of analysis for job measurements: See series of publications of the Federal Institution for industrial safety and industrial medicine (BAuA)"dangerous working materials" (GA 13)

Appropriate engineering controls

No further information. See also section 7.

8.3. Personal protection equipment

Observe the usual precautions for handling chemicals: Avoid contact with skin and eyes. Keep away from foodstuffs, beverages and feed. When using do not eat and drink and smoke.

Respiratory protection

Should the room air concentrations exceed the abovementioned approximate value, despite technical precautionary measures, take actions for extraction or similar, otherwise wear respiratory protection, e.g. filter half mask, Gas filter A1 (brown) to 1000 mg / m³. Gas Filter A2 (brown) to 5000mg / m³. Gas filter A3 (brown) to 10000 mg / m³.

Hand protection

Wear protective gloves according to EN 374. Suitable material: nitriles rubber. Layer thickness of 0.1 mm.
Breakthrough time of the glove material >30 min..

Eye protection

Safety glasses with side protection according to EN 166:2001, especially when decanting.

Protective clothing for the body

Not applicable.

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9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: paste-like
 Color: white
 Odor: mild

Security related information

Risk of explosion: No
 Explosion limits:
 Lower: 0.6 Vol %
 Upper: 7.0 Vol %
 Vapour pressure at 20°C: n.a.
 Density at 20°C: appr. 0.97 g/ml
 Viscosity at 20°C: appr. 45-60 dPas
 Water solubility: soluble
 pH-value: 8.0
 Melting point / range: n.a.
 Boiling temperature / boiling range: n.a.
 Flash point: n.a.
 Ignition temperature: n.a.

10. Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

The product is chemically stable under normal ambient conditions.

10.3. Thermal decomposition / conditions to avoid

Not applicable.

10.4. Possibility of hazardous reactions

The product shows no dangerous reactions.

10.5. Incompatible materials

Not applicable.

10.6. Hazardous decomposition products

No hazardous decomposition products known.

11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Component:	CAS	Type	Value	Species
Hydrocarbon mixture C11-12 < 2% aromatics	90622-58-5	LD 50, OECD 401	oral >5000 mg/kg	Rat
Hydrocarbon mixture C11-12 < 2% aromatics	90622-58-5	LD 50, OECD 402	dermal >5000 mg/kg	Rabbit

In case of inhalation:

Steam concentrations above the recommended workplace value cause irritation to the eyes and respiratory system. Headaches, dizziness and disturbances of the central nervous system can likewise be caused.

In case of skin contact:

Little toxic effect. Frequent or persisting skin contact can degrease and drain the skin, which can lead to skin disorders and inflammations (Dermatitis).

In case of eye contact:

Causes light eye complaints, however no damage of the eye fabric.

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In case of ingestion:

Smaller quantities, which enter into the lungs through swallowing and subsequent vomiting, can lead to a pulmonary edema or to pneumonia.

Practical experience:

Because of the general experience, the scientific literature and the legal regulations is there under adherence to the instructions for use, no health endangerment to be expected. Watch out for possible allergic reactions to particular agents.

12. Ecological information**12.1. Toxicity****Aquatic toxicity:**

No further relevant information available.

12.2. Persistence and degradability

No further relevant information available.

12.3. Bioaccumulative potential

No further relevant information available.

12.4. Mobility in soil

No further relevant information available.

12.5. Results of PBT and vPvB assessment

No further relevant information available.

12.6. General information:

Do not allow to enter groundwater, water bodies or drains.

13. Disposal considerations**13.1. Waste treatment methods:**

The following advice relates to the product that has been left on and not on further processed products.

When mixed with other products, other disposal methods may be required.

Recommendations

Dispose of waste according to applicable local, state, and federal regulations.

Waste code

08 01 20 Aqueous suspensions that contain paints or varnish other than those falling under 08 01 19.

Packaging

Contaminated packaging must be completely empty and properly cleaned before it can be re-cycled.

14. Transport information

ADR/RID and GGVSEB (cross-border/inland): Non-dangerous goods within the meaning of the transport regulations.

ADR/ RID-GGVS/ E Class:

Cypher/letter:

UN-Number:

Kemmler number:

Marine transport IMDG/GGVSee: Non-dangerous goods within the meaning of the transport regulations.

IMDG/GGVSee-Class:

UN-Number:

Packaging group:

MP:

Proper technical name:

Air transport ICAO-TI and IATA-DRG: Non-dangerous goods within the meaning of the transport regulations.

ICAO/IATA-class: -

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15. Regulatory information

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

EU – regulations

Verordnung (EG) Nr. 648/2004 (detergents):

Not applicable

National regulations (Germany)

Restrictions of occupation:

Restrictions of occupation for children and adolescents according 45/33/EC and relevant national regulations have to be considered.

Water Endangerment class

WGK 1 (German Water Hazards Classes, self-classification): weakly water-endangering.

Solvent regulation (31. BImSchV)

VOC-Content: 28,57 g/l

15.2. Chemical safety assessment

The mixture did not undergo a safety assessment.

16. Other information

Key literature references and sources of data

Internet

<http://www.baua.de>

Exact wording of the R-phrases mentioned under Point 2 and 3

According to regulation (EC) No. 1272/2008:

Asp. 1, H304 Aspiration hazard category 1, May be fatal if swallowed and enters airways.
Aqu.chron.4, H413 Hazardous to the aquatic environment category 4, May cause long lasting harmful effects to aquatic life
Repr. 1B, H360FD Reproductive toxicity Category 1B, May damage fertility. May damage the unborn child.
Eye Irrit., H319 Eye irritation, Causes serious eye irritation

According to regulation (EEC) No. 67/548:

R 36 Irritating to eyes.
R 53 May cause long-term adverse effects in the aquatic environment.
R 60 May impair fertility.
R 61 May cause harm to the unborn child.
R 65 Harmful: may cause lung damage if swallowed.
R 66 Repeated exposure may cause skin dryness or cracking.

Data Sheet issued by:

Department: Product safety

The information described in this datasheet refers exclusively to the characteristics and safety requirements of this particular product. They cannot apply however any longer, if the product is mixed with other materials or is used during a different process. The statements correspond to our knowledge and experiences at the indicated time. However, no guarantee for soundness, reliability and completeness is given. The user must make sure of all the facts, so that all specifications for his respective use are suitable and complete.