

# Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 06/12/2011

Reviewed on 06/12/2011

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

- Product identifier
- Trade name: **Texas Quicksand**
- Application of the substance / the preparation Grouting
- Details of the supplier of the safety data sheet
- Manufacturer/Supplier:  
ROMEX Produktions GmbH  
Mühlgrabenstraße 19  
D-53340 Meckenheim  
Tel.: 0049 (0)2225-7032820  
Fax: 0049 (0)2225-7032828  
email: info@romex-rpg.de
- Information department: Product safety department.
- Emergency telephone number:  
Tel.: +49(0)2225/70328-11  
Fax +49(0)2225/70328-28

## 2 Composition/information on ingredients

- Chemical characterization: Mixtures
- Description: Mix of special sands, plastic modified
- Dangerous components: Void
- Additional information For the wording of the listed risk phrases refer to section 16.

## 3 Hazards identification

- Classification of the substance or mixture



GHS08 Health hazard

H373 May cause damage to organs through prolonged or repeated exposure.

- Classification according to Directive 67/548/EEC or Directive 1999/45/EC not applicable
- Information concerning particular hazards for human 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.

- Label elements

- Labelling according to EU guidelines:  
Observe the general safety regulations when handling chemicals  
The product is not subject to classification according to the calculation methods of the "General Classification Guideline for Preparations of the EU" as issued in the latest valid version.  
The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (GefStoffV).
- Classification system
- NFPA ratings (scale 0-4)



Health = 2  
Fire = 1  
Reactivity = 0

## 4 First aid measures

- General information Immediately remove any clothing soiled by the product.
- After inhalation Take affected persons into fresh air and keep quiet.
- After skin contact Immediately wash with water and soap and rinse thoroughly.
- After eye contact Rinse opened eye for several minutes under running water. Then consult a doctor.

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- After swallowing  
Rinse the mouth with water immediately  
Seek immediate medical advice.
- Information for doctor No particular measures are known - treat according to symptoms.

## 5 Firefighting measures

- Suitable extinguishing agents Use fire fighting measures that suit the environment.
- For safety reasons unsuitable extinguishing agents Water with full jet.

## 6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures Ensure adequate ventilation
- Environmental precautions:  
Do not allow product to reach sewage system or any water course.  
Do not allow to penetrate the ground/soil.
- Methods and material for containment and cleaning up:  
Pick up mechanically.  
Dispose of the collected material according to regulations.
- Reference to other sections See Section 13 for disposal information.

## 7 Handling and storage

- Handling
- Precautions for safe handling The usual precautionary measures for handling chemicals must be observed.
- Storage
- Requirements to be met by storerooms and receptacles: Store only in unopened original receptacles.
- Information about storage in one common storage facility: Store away from foodstuffs.
- Further information about storage conditions: Store in cool, dry conditions in well sealed receptacles.

## 8 Exposure controls/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:

14808-60-7 Quartz (SiO<sub>2</sub>)

PEL	see Quartz listing
REL	0.05* mg/m *respirable dust
TLV	0.025* mg/m *as respirable fraction

- Additional information: The lists that were valid during the creation were used as basis.
- Personal protective equipment
- General protective and hygienic measures  
The usual precautionary measures for handling chemicals should be followed.  
Immediately remove all soiled and contaminated clothing  
Wash hands before breaks and at the end of work.
- Breathing equipment: Not necessary if room is well-ventilated.
- Protection of hands:  
Protective gloves.  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- Material of gloves  
Butyl rubber, BR  
Natural rubber, NR

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Recommended thickness of the material:  $\geq 0.5$  mm

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- Penetration time of glove material

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

- As protection from splashes gloves made of the following materials are suitable: PVC gloves

- Eye protection:



Tightly sealed goggles.

- Body protection: Protective work clothing.

## 9 Physical and chemical properties

- General Information

- Appearance:

Form:	Pasty
Color:	Beige
Odor:	Pleasant

- Change in condition

Melting point/Melting range:	undetermined
Boiling point/Boiling range:	undetermined

- Flash point: Not applicable

- Auto igniting: Product is not selfigniting.

- Danger of explosion: Product does not present an explosion hazard.

- Density at 20°C (68 °F): 1.65 g/cm (13.769 lbs/gal)

- Solubility in / Miscibility with

Water:	Not miscible or difficult to mix
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- Viscosity:

dynamic:	Not determined
kinematic:	Not determined

- Solvent content:

Solids content:	100 %
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## 10 Stability and reactivity

- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- Hazardous decomposition products: none, if stored and handled correctly.

## 11 Toxicological information

- Acute toxicity:
- Primary irritant effect:
  - on the skin: No irritant effect.
  - on the eye: No irritating effect.
- Sensitization: No sensitizing effects known.

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- Additional toxicological information:  
The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:  
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

## 12 Ecological information

- Aquatic toxicity: No further relevant information available.
- Ecotoxicological effects: Not determined
- Additional ecological information:
- General notes:  
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

## 13 Disposal considerations

- Waste treatment methods
- Recommendation For disposal, local regulations issued by the authorities must be observed.
- Uncleaned packagings:
- Recommendation: Disposal must be made according to official regulations.

## 14 Transport information

- DOT regulations:
- Hazard class: -
- Land transport ADR/RID (cross-border)
- ADR/RID class: -
- Maritime transport IMDG:
- IMDG Class: -
- Air transport ICAO-TI and IATA-DGR:
- ICAO/IATA Class: -
- UN "Model Regulation": -
- Transport/Additional information: Not dangerous according to the above specifications.

## 15 Regulatory information

- Cancerogenity categories
- EPA (Environmental Protection Agency)  
None of the ingredients is listed.
- IARC (International Agency for Research on Cancer)  
None of the ingredients is listed.
- NTP (National Toxicology Program)  
None of the ingredients is listed.
- TLV (Threshold Limit Value established by ACGIH)  
None of the ingredients is listed.
- MAK (German Maximum Workplace Concentration)  
None of the ingredients is listed.

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· NIOSH-Ca (National Institute for Occupational Safety and Health)
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None of the ingredients is listed.
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· OSHA-Ca (Occupational Safety & Health Administration)
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None of the ingredients is listed.
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- Markings according to EU guidelines:

- Observe the general safety regulations when handling chemicals

- The product is not subject to classification according to the calculation methods of the "General Classification Guideline for Preparations of the EU" as issued in the latest valid version.

- The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (GefStoffV).

- National regulations

- Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

- Sara

· Section 355 (Extremely hazardous substances):
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None of the ingredients is listed.
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· Section 313 (Specific toxic chemical listings):
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None of the ingredients is listed.
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· TSCA (Toxic Substances Control Act):
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2768-02-7   trimethoxyvinylsilane
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64742-48-9   Naphtha (petroleum), hydrotreated heavy
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· Chemicals known to cause cancer:
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None of the ingredients is listed.
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## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Changes made since last issue dated 05.10.2005 at the following points: \*

- Department issuing MSDS:

- IGG-AD Ingenieurbüro für Gefahrstoff- und Gefahrgutberatung

- Bismarckstraße 10

- D-68623 Lampertheim

- Fax: 0049-(0)6206-58422      <http://www.igg-ad.de>      [info@igg-ad.de](mailto:info@igg-ad.de)

- Contact:

- Dr. U. Prinz ([u.prinz@igg-ad.de](mailto:u.prinz@igg-ad.de))

- Dipl.-Chem. H. Hinse ([heidrun.hinse@igg-ad.de](mailto:heidrun.hinse@igg-ad.de))

- Abbreviations and acronyms:

- ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

- RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

- IMDG: International Maritime Code for Dangerous Goods

- DOT: US Department of Transportation

- IATA: International Air Transport Association

- IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

- ICAO: International Civil Aviation Organization

- ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

- ACGIH: American Conference of Governmental Industrial Hygienists

- NFPA: National Fire Protection Association (USA)

- MAL-Code: Måleteknisk Arbejdshygiejnisk Luftbehov (Regulation for the labeling concerning inhalation hazards, Denmark)

USA