

RockSolid Floors Industrial Fortifying Sealer

Product Name: Fortifying Sealer
Product Number: Fortifying Sealer
MSDS #: 09/2013 v. 1.0
Date Issued: 00/2013 v. 1.0
Issued by: RockSolid Floors Industrial

For Emergency Assistance involving chemicals call CHEMTREC (800) 424-9300

Manufactured by:
RockSolid Floor Industrial
2271 2nd St N North St. Paul,
MN 55109
866-765-4310

TRANSPORTATION EMERGENCY • CALL CHEMTREC: (800) 424-9300 • INTERNATIONAL: +1 (703) 527-3887

1. Product and Company Identification

Product Number: Fortifying Sealer
Chemical Family: DENSIFIER

2. Hazards Identification

EMERGENCY OVERVIEW

CAUTION!

The product has to be labeled due to internationally acknowledged calculation procedures using the latest valid versions. The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.



HAZARD DESCRIPTION

Irritant

INFORMATION PERTAINING TO PARTICULAR DANGERS FOR MAN AND ENVIRONMENT

The product has to be labeled due to internationally acknowledged calculation procedures using the latest valid versions. Irritating to the eyes and skin.

CLASSIFICATION SYSTEM

The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

3. Composition/Information on Ingredients

weight %	Components	CAS-No.
97%	water (H ₂ O)	
1-2%	Silicic acid, sodium salt	1344-09-8
.12-1.0%	potassium hydroxide	1310-58-3

4. First Aid Measures

AFTER INHALATION

In case of unconsciousness place patient stably in side position for transportation.

AFTER SKIN CONTACT

IMMEDIATELY WASH WITH WATER AND SOAP AND RINSE THOROUGHLY. IF SKIN IRRITATION CONTINUES, CONSULT A DOCTOR.

AFTER EYE CONTACT

RINSE OPENED EYE FOR SEVERAL MINUTES UNDER RUNNING WATER. IF SYMPTOMS PERSIST, CONSULT A DOCTOR.

AFTER SWALLOWING

If symptoms persist consult doctor.

5. Fire-Fighting Measures

SUITABLE EXTINGUISHING MEDIA

CO₂, sand, is extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

PROTECTIVE EQUIPMENT

Because fire may produce thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face piece operated in pressure-demand or positive-pressure mode.

6. Accidental release measures

PERSON-RELATED SAFETY PRECAUTIONS

Not Required.

MEASURES FOR ENVIRONMENTAL PROTECTION

Dilute with plenty of water. Do not allow to enter sewers / surface ground water.

MEASURES FOR CLEANING/COLLECTING

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Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

7. Handling and Storage

INFORMATION FOR SAFE HANDLING

No special precautions are necessary if used correctly.

INFORMATION ABOUT PROTECTION AGAINST EXPLOSIONS AND FIRES

No special precautions are necessary if used correctly.

STORAGE

REQUIREMENTS TO BE MET BY STORAGE ROOMS AND RECEPTACLES

No special requirements.

INFORMATION ABOUT STORAGE IN ONE COMMON STORAGE FACILITY

Not required.

FURTHER INFORMATION ABOUT STORAGE CONDITIONS

keep receptacle tightly sealed.

STORAGE PERIOD

12 months in unopened containers

8. Exposure Controls/ Personal Protection

GENERAL PROTECTIVE AND HYGIENIC MEASURES

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the skin. Avoid contact with the eyes and skin.

BREATHING EQUIPMENT

Not required.

PROTECTION OF HANDS

Protective gloves. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests, no recommendation to the glove material can be given for the product. Select the glove material upon consideration of the penetration times, rates of diffusion and the degradation.

MATERIAL OF GLOVES

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 through time has to be found out by the manufacturer of the protective gloves and has to be observed.

EYE PROTECTION

Tightly sealed goggles



9. Physical and chemical properties

Form	Fluid
Color	According to specification
Odor	Characteristic
pH	Not applicable
boiling/Condensation	undetermined
Melting/Freezing Point	undetermined
Ignition temperature	Not self igniting
Auto igniting	Product is not self-igniting
Flash Points	Not applicable
Explosion limits	Does not present an explosion hazard
vapor pressure at 20°C (68°F)	23.0 hPa (2 mm Hg)
Density at 20°C (68°F)	1.219 g/cm ³
Solubility in water	Fully miscible
Solvent content:	
Organic Solvents	0.0%
water	97%
Solids Content	1.5-3%

10. Stability and Reactivity

THERMAL DECOMPOSITION / CONDITIONS TO BE AVOIDED

No decomposition if used according to specifications.

DANGEROUS REACTIONS

No dangerous reactions known.

DANGEROUS PRODUCTS OF DECOMPOSITION

No dangerous decomposition products known.

11. Toxicological Information

- ACUTE TOXICITY:
- LD/LC50 VALUES THAT ARE RELEVANT FOR CLASSIFICATION: 1310-58-3 POTASSIUM HYDROXIDE ORAL LD50 273 Mg/kg (RAT)
- PRIMARY IRRITANT EFFECT:
- ON THE SKIN: IRRITANT TO SKIN AND MUCOUS MEMBRANES.
- ON THE EYE: IRRITATING EFFECT.
- SENSITIZATION: NO SENSITIZING EFFECTS KNOWN.
- ADDITIONAL TOXICOLOGICAL INFORMATION:
THE PRODUCT SHOWS THE FOLLOWING DANGERS ACCORDING TO INTERNALLY APPROVED CALCULATION METHODS FOR PREPARATIONS:
IRRITANT

12. Ecological Information

ECOLOGICAL DATA: Fortifying Sealer

WATER HAZARD CLASS 1(SELF ASSESSMENT)

GENERAL NOTES

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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

Recommendation: Fortifying Sealer must soak with floor dry type material, then can be taken to land fill as non hazardous material

- un-cleaned packaging: dry then non hazardous to landfill approved.
- Recommendation: Disposal to local landfill as non hazardous material
- Recommended cleansing agent: Water, if necessary with cleansing agents.

14. Transportation information

DOT REGULATIONS:

- HAZARD CLASS: -
- LIMITED QUANTITY EXEMPTION: NO LIMITED QUANTITY EXEMPTION APPLIES FOR THIS SHIPPING CLASS.
- U.S. DOMESTIC GROUND SHIPMENTS: SAME AS LISTED FOR STANDARD SHIPMENTS ABOVE.
- U.S. DOMESTIC GROUND NON-BULK (119 GAL OR LESS PER CONTAINER) SHIPMENTS: SAME AS LISTED FOR STANDARD SHIPMENTS ABOVE.
- LAND TRANSPORT ADR/RID (CROSS-BORDER):
- ADR/RID CLASS: -
- MARITIME TRANSPORT IMDG:
- IMDG CLASS: -
- MARINE POLLUTANT: NO
- AIR TRANSPORT ICAO-TI AND IATA-DGR:
- ICAO/IATA CLASS: -

15. Regulatory Information

Section 355 (extremely hazardous substances):

- None of the ingredient is listed.
- Proposition 65
- Chemicals known to the State of California (Prop. 65) to cause cancer: None of the ingredients is listed.
- Chemicals known to the State of California (Prop. 65) to cause reproductive toxicity: None of the ingredients is listed.
- 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.
- NIOSH-CA (National Institute for Occupational Safety and Health) None of the ingredients is listed.
- OSHA-CA(Occupational Safety & Health Administration)

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None of the ingredients is listed.

• Product related hazard information's:

The product has been classified and marked in accordance with directives on hazardous materials.

• Hazard symbols:

Irritant

• Hazard-determining components of labeling:

potassium hydroxide

• Risk phrases:

Irritating to eyes and skin.

• Safety phrases:

Keep out of the reach of children.

when using do not eat or drink.

Avoid contact with skin and eyes.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

After contact with skin, wash immediately with plenty of soap and water.

Wear suitable protective clothing and eye/face protection.

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

If swallowed, rinse mouth with water (only if the person is conscious).

• National regulations:

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

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. Department issuing MSDS: Environmental, Health and Safety department

To the best of our knowledge, the information contained herein is accurate, obtained from sources that ROCKSOLID FLOORS believes to be accurate.

Contact Person: Product Safety Department

Telephone: 866-765-4310

version Date: 09/2013

For Additions Information:

Contact: MSDS Coordinator-ROCKSOLID FLOORS INDUSTRIAL

During business hours, Center-866-765-4310

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END OF MSDS

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