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1 Identification of the substance/mixture and of the company/undertaking
· 1.1 Product identifier
 Trade name: RockSolid Floors Industrial Write-On Paint Stabilizer Shot 1.2 Relevant identified uses of the substance or mixture and uses advised against No further relevant information available.
 Application of the substance / the preparation Product Component
 1.3 Details of the supplier of the Safety Data Sheet Manufacturer/Supplier: ROCKSOLID FLOORS INDUSTRIAL 2271 2nd St N North St Paul, MN 55109 Phone: 866-765-4310 Fax: 763-780-4896 1.4 Emergency telephone number: CHEMTREC 1-800-424-9300 (US/Canada) +01 703-527-3887 (International)
2 Hazards identification
 • 2.1 Classification of the substance or mixture • Classification according to Regulation (EC) No 1272/2008 The following Hazard Statements are applicable only to the EU regulations and not the US GHS regulation: H412.
GHS02 flame
Flam. Liq. 3 H226 Flammable liquid and vapour.
GHS08 health hazard
Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.
GHS05 corrosion
Eye Dam. 1 H318 Causes serious eye damage.
Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.
Classification according to Directive 67/548/EEC or Directive 1999/45/EC Xn; Harmful
R65: Harmful: may cause lung damage if swallowed.
Xi; Irritant
R41: Risk of serious damage to eyes. (Contd. on page 2)

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(Contd. of page 1) R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Information concerning particular hazards for human and environment: The product has 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 according to the latest editions of the EU-lists, and extended by company and literature data. The classification is in accordance with the latest editions of international substances lists, and is supplemented by information from technical literature and by information provided by the company. · 2.2 Label elements Labelling according to Regulation (EC) No 1272/2008 The following Hazard Statements are applicable only to the EU regulations and not the US GHS regulation: H412. The product is classified and labelled according to the CLP regulation. · Hazard pictograms GHS02 GHS05 GHS08 · Signal word Danger · Hazard-determining components of labelling: **Oxazolidine Derivative - Proprietary** Distillates (petroleum), hydrotreated light · Hazard statements The following Hazard Statements are applicable only to the EU regulations and not the US GHS regulation: H412. H226 Flammable liquid and vapour. H318 Causes serious eve damage. H304 May be fatal if swallowed and enters airways. H412 Harmful to aquatic life with long lasting effects. **Precautionary statements** P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P103 Read label before use. P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking. P280 Wear protective gloves and eve protection. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P301+P310 P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Do NOT induce vomiting. P331 In case of fire: Use for extinction: Foam. P370+P378 P403+P235 Store in a well-ventilated place. Keep cool. Hazard description: · WHMIS-symbols: B3 - Combustible liquid (Contd. on page 3)

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E - Corrosive material		(Contd. of page
· NFPA ratings (scale 0 - 4)		
Health = 2 Fire = 2 Reactivity = 0		
· HMIS-ratings (scale 0 - 4)		
HEALTH2Health = 2FIRE2Fire = 2REACTIVITY0Reactivity = 0		
· HMIS Long Term Health Ha	zard Substances	
None of the ingredients is list	red.	
• PBT: Not applicable.		
• vPvB: Not applicable. 3 Composition/informati • 3.2 Mixtures	on on ingredients	
 vPvB: Not applicable. 3 Composition/information 3.2 Mixtures Description: Mixture of subs Dangerous components: 		
 • vPvB: Not applicable. 3 Composition/information • 3.2 Mixtures • Description: Mixture of substances 	tances listed below with nonhazardous additions.	50-100%
 vPvB: Not applicable. 3 Composition/information 3.2 Mixtures Description: Mixture of subs Dangerous components: CAS: 64742-47-8 EINECS: 265-149-8 	 bistillates (petroleum), hydrotreated light Xn R65 Flam. Liq. 3, H226 Asp. Tox. 1, H304 Trade Secret Xn R22; Xi R41 R52/53 Eye Dam. 1, H318 	50-100%
 vPvB: Not applicable. 3 Composition/information 3.2 Mixtures Description: Mixture of subs Dangerous components: CAS: 64742-47-8 EINECS: 265-149-8 	 bistillates (petroleum), hydrotreated light Xn R65 Flam. Liq. 3, H226 Asp. Tox. 1, H304 Trade Secret Xn R22; Xi R41 R52/53 Eye Dam. 1, H318 Aquatic Chronic 3, H412 2,6-dimethylheptan-4-one Xi R37 R10 	
 vPvB: Not applicable. 3 Composition/information 3.2 Mixtures Description: Mixture of subs Dangerous components: CAS: 64742-47-8 EINECS: 265-149-8 Index number: 649-422-00-2 CAS: 108-83-8 EINECS: 203-620-1 	 bistillates (petroleum), hydrotreated light Xn R65 Flam. Liq. 3, H226 Asp. Tox. 1, H304 Trade Secret Xn R22; Xi R41 R52/53 Eye Dam. 1, H318 Aquatic Chronic 3, H412 2,6-dimethylheptan-4-one Xi R37 	25-50%

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• Additional information: For the wording of the listed risk phrases refer to section 16.

4 First aid measures

· 4.1 Description of first aid measures · General information: Take affected persons out into the fresh air. · After inhalation: Supply fresh air; consult doctor in case of complaints. In case of irregular breathing or respiratory arrest provide artificial respiration. · After skin contact: Immediately rinse with water. Clean with water and soap. If skin irritation continues, consult a doctor. · After eye contact: Remove contact lenses if worn. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. · After swallowing: Rinse out mouth and then drink plenty of water. Do not induce vomiting: call for medical help immediately. A person vomiting while laying on their back should be turned onto their side. · 4.2 Most important symptoms and effects, both acute and delayed Coughing Gastric or intestinal disorders Dizziness Headache **Breathing difficulty** Disorientation · Hazards Danger of pulmonary oedema. Danger of impaired breathing. Danger of convulsion. 4.3 Indication of any immediate medical attention and special treatment needed If swallowed, gastric irrigation with added, activated carbon. If swallowed or in case of vomiting, danger of entering the lungs. In cases of irritation to the lungs, initial treatment with cortical steroid inhalants. Treat skin and mucous membrane with antihistamine and corticoid preparations. If necessary oxygen respiration treatment. Medical supervision for at least 48 hours. Later observation for pneumonia and pulmonary oedema. 5 Firefighting measures

· 5.1 Extinguishing media

 Suitable extinguishing agents: Foam
 Gaseous extinguishing agents
 ABC powder

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Trade name: RockSolid Floors Industrial Write-On Paint Stabilizer Shot (Contd. of page 4) Alcohol resistant foam · For safety reasons unsuitable extinguishing agents: Water with full jet Water spray 5.2 Special hazards arising from the substance or mixture Formation of toxic gases is possible during heating or in case of fire. · 5.3 Advice for firefighters · Protective equipment: Wear self-contained respiratory protective device. Wear fully protective suit. Additional information Eliminate all ignition sources if safe to do so. Cool endangered receptacles with water fog or haze. 6 Accidental release measures 6.1 Personal precautions, protective equipment and emergency procedures Use respiratory protective device against the effects of fumes/dust/aerosol. Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation Keep away from ignition sources. Protect from heat. Particular danger of slipping on leaked/spilled product. · 6.2 Environmental precautions: Prevent seepage into sewage system, workpits and cellars. Prevent from spreading (e.g. by damming-in or oil barriers). Do not allow to penetrate the ground/soil. Inform respective authorities in case of seepage into water course or sewage system. 6.3 Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Do not flush with water or aqueous cleansing agents 6.4 Reference to other sections See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information. 7 Handling and storage · 7.1 Precautions for safe handling Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols. · Information about fire - and explosion protection: Keep ignition sources away - Do not smoke.

Emergency cooling must be available in case of nearby fire.

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Safety Data Sheet according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and

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(Contd. of page 5) · 7.2 Conditions for safe storage, including any incompatibilities · Storage: · Requirements to be met by storerooms and receptacles: Avoid storage near extreme heat, ignition sources or open flame. Provide ventilation for receptacles. Information about storage in one common storage facility: Store away from foodstuffs. Store away from oxidizing agents. Do not store together with acids. • Further information about storage conditions: Store in cool, dry conditions in well sealed receptacles. · 7.3 Specific end use(s) No further relevant information available. 8 Exposure controls/personal protection · Additional information about design of technical facilities: No further data; see item 7. · 8.1 Control parameters · Ingredients with limit values that require monitoring at the workplace: 64742-47-8 Distillates (petroleum), hydrotreated light EL (Canada) 200 mg/m³ Skin 108-83-8 2,6-dimethylheptan-4-one PEL (USA) 290 mg/m³, 50 ppm REL (USA) 150 mg/m³, 25 ppm TLV (USA) 145 mg/m³, 25 ppm EL (Canada) 25 ppm EV (Canada) 145 mg/m³, 25 ppm 1067-33-0 dibutyltin di(acetate) PEL (USA) 0.1 ma/m³ as Sn REL (USA) 0,1 mg/m³ as Sn, Skin Short-term value: 0,2 mg/m³ TLV (USA) Long-term value: 0,1 mg/m³ as Sn: Skin EL (Canada) Short-term value: 0,2 mg/m³ Long-term value: 0,1 mg/m³ as Sn; Skin • DNELs No further relevant information available. · PNECs No further relevant information available. · Additional information: The lists valid during the making were used as basis. (Contd. on page 7)

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Trade name: RockSolid Floors Industrial Write-On Paint Stabilizer Shot (Contd. of page 6) · 8.2 Exposure controls · Personal protective equipment: · General protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work. Do not inhale gases / fumes / aerosols. Avoid contact with the eyes. · Respiratory protection: Use suitable respiratory protective device in case of insufficient ventilation. Use suitable respiratory protective device when aerosol or mist is formed. · 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/ the preparation/ the chemical mixture. Selection of the glove material on 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. Eve protection: Safety glasses Body protection: Protective work clothing · Limitation and supervision of exposure into the environment No further relevant information available. · Risk management measures See Section 7 for additional information. No further relevant information available. (Contd. on page 8)

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9.1 Information on basic physical	and chamical properties
9.1 Information on basic physical a General Information	and chemical properties
Appearance:	
Form:	Liquid
Colour:	According to product specification
Odour:	Characteristic
Odour threshold:	Not determined.
pH-value:	Not determined.
Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	168 °C (334 °F)
Flash point:	56 °C (133 °F)
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
Self-igniting:	Product is not self-igniting.
Danger of explosion:	Not determined.
Explosion limits:	
Lower:	0,5 Vol %
Upper:	6,5 Vol %
Vapour pressure at 20 °C:	2 hPa
Density:	Not determined.
Relative density	Not determined.
Vapour density	Not determined.
Evaporation rate	Not determined.
Solubility in / Miscibility with	
water:	Not miscible or difficult to mix.
Partition coefficient (n-octanol/wa	ter): Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
Solvent content:	
Organic solvents:	Not determined.
Solids content:	Not determined.
9.2 Other information	No further relevant information available.

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10.1 Reactivity	
10.2 Chemical stability	/
 Thermal decomposition 	on / conditions to be avoided:
	ed and stored according to specifications.
10.3 Possibility of haz	ardous reactions
Flammable.	
	oxygen rich (oxidizing) material. Danger of Explosion.
	tures in air if heated above flash point and/or when sprayed or atomised.
	may contain product gases which form explosive mixtures with air.
Reacts with strong acids	
10.4 Conditions to avo	
Keep ignition sources a	
Store away from oxidizi	
	erials: No further relevant information available.
10.6 Hazardous decon	
Carbon monoxide and c	carbon dioxide
Nitrogen oxides (NOx)	
Sulphur oxides (SOx)	
Toxic metal oxide smok	e

11 Toxicological information

- · 11.1 Information on toxicological effects
- · Acute toxicity:
- · Primary irritant effect:
- on the skin: Slight irritant effect on skin and mucous membranes.
- on the eye: Strong irritant with the danger of severe eye injury.
- Sensitization: No sensitizing effects known.
- · Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version: Irritant

Inhalation of concentrated vapours as well as oral intake will lead to anaesthesia-like conditions and headache, dizziness, etc.

At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.

12 Ecological information

- · 12.1 Toxicity
- Aquatic toxicity: The material is harmful to the environment.
- 12.2 Persistence and degradability The product is partially biodegradable. Significant residuals remain.
- 12.3 Bioaccumulative potential No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.

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Trade name: RockSolid Floors Industrial Write-On Paint Stabilizer Shot (Contd. of page 9) · Ecotoxical effects: · Remark: Harmful to fish Due to mechanical actions of the product (e.g. agglutinations) damages may occur. The product is oxygen-consuming. The declared action may be partly caused by lack of oxygen. · Additional ecological information: · General notes: This statement was deduced from the properties of the single components. Avoid transfer into the environment. Due to available data on eliminability/decomposition and bioaccumulation potential prolonged term damage of the environment can not be excluded. Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground. Harmful to aquatic organisms 12.5 Results of PBT and vPvB assessment · PBT: Not applicable. · vPvB: Not applicable. · 12.6 Other adverse effects No further relevant information available. 13 Disposal considerations 13.1 Waste treatment methods Recommendation Must not be disposed together with household garbage. Do not allow product to reach sewage system. Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations. Can be reused after reprocessing. Contact waste processors for recycling information. · Uncleaned packaging: · Recommendation: Disposal must be made according to official regulations. 14 Transport information · 14.1 UN-Number · DOT NA1993 · ADR, IMDG, IATA UN1993 • 14.2 UN proper shipping name · DOT COMBUSTIBLE LIQUID, N.O.S (Distillates (petroleum), hydrotreated light) · ADR 1993 FLAMMABLE LIQUID, N.O.S. (Distillates (petroleum), hydrotreated light) · IMDG, IATA

FLAMMABLE LIQUID, N.O.S. (Distillates (petroleum), hydrotreated light)

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 14.3 Transport hazard class(es) 	
·DOT	
CUBLITELS	
· Class · Label	3 Flammable liquids.
	3C
· ADR	
· Class	3 (F1) Flammable liquids.
· Label	3
· IMDG, IATA	
· Class	3 Flammable liquids.
· Label	3
 · 14.4 Packing group · DOT, ADR, IMDG, IATA 	III
· 14.5 Environmental hazards:	
· Marine pollutant:	No
• 14.6 Special precautions for user	Warning: Flammable liquids.
· Danger code (Kemler): · EMS Number:	30 E E S E
	F-E, <u>S-E</u>
 14.7 Transport in bulk according to Ann MARPOL73/78 and the IBC Code 	ex II of Not applicable.
· Transport/Additional information:	
•	
· ADR	5L
 Limited quantities (LQ) Transport category 	5∟ 3
· Tunnel restriction code	D/E
· UN "Model Regulation":	UN1993, FLAMMABLE LIQUID, N.O.S. (Distillate
U · · ·	(petroleum), hydrotreated light), 3, III

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15.1 Soloty health and any ironmental regulations legislation analisis for the substance of	miv+
 15.1 Safety, health and environmental regulations/legislation specific for the substance or r United States (USA) SARA 	nixtur
· Section 355 (extremely hazardous substances):	
None of the ingredients is listed.	
· Section 313 (Specific toxic chemical listings):	
None of the ingredients is listed.	
· TSCA (Toxic Substances Control Act):	
All ingredients are listed.	
· Proposition 65 (California):	
· Chemicals known to cause cancer:	
None of the ingredients is listed.	
· Chemicals known to cause reproductive toxicity for females:	
None of the ingredients is listed.	
· Chemicals known to cause reproductive toxicity for males:	
None of the ingredients is listed.	
Chemicals known to cause developmental toxicity:	
None of the ingredients is listed.	
· Carcinogenic Categories	
· EPA (Environmental Protection Agency)	
None of the ingredients is listed.	
· IARC (International Agency for Research on Cancer)	
None of the ingredients is listed.	
· TLV (Threshold Limit Value established by ACGIH)	
1067-33-0 dibutyltin di(acetate)	A
· NIOSH-Ca (National Institute for Occupational Safety and Health)	I
None of the ingredients is listed.	
· OSHA-Ca (Occupational Safety & Health Administration)	
None of the ingredients is listed.	
 Canada Canadian Domestic Substances List (DSL) Oxazolidine derivative: Not listed on the DSL, listed on the Non-Domestic Substances List (NDSL) 	•
64742-47-8 Distillates (petroleum), hydrotreated light	
108-83-8 2,6-dimethylheptan-4-one	
1067-33-0 dibutyltin di(acetate)	
· Canadian Ingredient Disclosure list (limit 0.1%)	
None of the ingredients is listed.	

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· Canadian Ingredient Disclosure list (limit 1%)

108-83-8 2,6-dimethylheptan-4-one

• 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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.

· Relevant phrases

- H226 Flammable liquid and vapour.
- H300 Fatal if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H335 May cause respiratory irritation.
- H412 Harmful to aquatic life with long lasting effects.
- R10 Flammable.
- R22 Harmful if swallowed.
- R25 Toxic if swallowed.
- R36/38 Irritating to eyes and skin.
- R37 Irritating to respiratory system.
- R41 Risk of serious damage to eves.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65 Harmful: may cause lung damage if swallowed.

· 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) IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation IATA: International Air Transport Association GHS: Globally Harmonized System of Classification and Labelling of Chemicals ACGIH: American Conference of Governmental Industrial Hygienists NFPA: National Fire Protection Association (USA) HMIS: Hazardous Materials Identification System (USA) WHMIS: Workplace Hazardous Materials Information System (Canada) DNEL: Derived No-Effect Level (REACH) PNEC: Predicted No-Effect Concentration (REACH) Sources SDS Prepared by: ChemTel Inc. 1305 North Florida Avenue Tampa, Florida USA 33602-2902 Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573 Website: www.chemtelinc.com