

Safety Data Sheet
acc. to OSHA HCS

Printing date 07/20/2015

Version 6

Reviewed on 07/20/2015

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

Product identifier Powercrete R-65/F1 Part B

Trade name: Powercrete R-65/F1 Part B

Relevant identified uses of the substance or mixture and uses advised against

Sector of Use

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Product category PC9a Coatings and paints, thinners, paint removers

Process category

PROC10 Roller application or brushing

PROC11 Non industrial spraying

Environmental release category

ERC8f Wide dispersive outdoor use resulting in inclusion into or onto a matrix

Application of the substance / the mixture Epoxy curing agent

Uses advised against -

Details of the supplier of the safety data sheet

Manufacturer/Supplier: Seal For Life Industries - Powercrete™

Contact details

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Information department: Occupational product safety department of Seal For Life Industries

Emergency telephone number:

For worldwide emergency assistance call CHEMTREC (24 hours):
Within USA/Canada 1-800-424-9300; Outside USA/Canada +1 703-527-3887 (collect calls accepted)

2 Hazard(s) identification

Classification of the substance or mixture



GHS06 Skull and crossbones

Acute Tox. 3 H331 Toxic if inhaled.

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GHS08 Health hazard

Resp. Sens. 1	H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Carc. 1A	H350	May cause cancer.
Repr. 2	H361	Suspected of damaging fertility or the unborn child.
STOT SE 1	H370-H371	Causes damage to the skin, the respiratory system and the digestive system. Route of exposure: Oral, Inhalation and Dermal. May cause damage to the central nervous system. Route of exposure: Oral, Inhalation.
STOT RE 2	H373	May cause damage to organs through prolonged or repeated exposure. Route of exposure: Oral, Inhalation, Dermal.



GHS05 Corrosion

Skin Corr. 1A	H314	Causes severe skin burns and eye damage.
Eye Dam. 1	H318	Causes serious eye damage.



GHS09 Environment

Aquatic Chronic 2	H411	Toxic to aquatic life with long lasting effects.
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GHS07

Acute Tox. 4	H302	Harmful if swallowed.
Skin Sens. 1	H317	May cause an allergic skin reaction.

Label elements

GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms



GHS05 GHS06 GHS08 GHS09

Signal word Danger

Hazard-determining components of labeling:

- Aliphatic amine (Proprietary)
- Alkyl ether amine (Proprietary)
- Alkyl phenol (Proprietary)
- Talc (Mg₃H₂(SiO₃)₄)

Hazard statements

H302	Harmful if swallowed.
H331	Toxic if inhaled.
H314	Causes severe skin burns and eye damage.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H317	May cause an allergic skin reaction.
H350	May cause cancer.
H361	Suspected of damaging fertility or the unborn child.

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H370-H371 Causes damage to the skin, the respiratory system and the digestive system. Route of exposure: Oral, Inhalation and Dermal. May cause damage to the central nervous system. Route of exposure: Oral, Inhalation.

H373 May cause damage to organs through prolonged or repeated exposure. Route of exposure: Oral, Inhalation, Dermal.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

- P260 Do not breathe dusts or mists.
- P284 Wear respiratory protection.
- P280 Wear protective gloves.
- P280 Wear eye protection / face protection.
- P273 Avoid release to the environment.
- P264 Wash thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P271 Use only outdoors or in a well-ventilated area.
- P272 Contaminated work clothing must not be allowed out of the workplace.
- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P301+P330+P331 If swallowed: Rinse mouth. Do NOT induce vomiting.
- P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P310 Immediately call a poison center/doctor.
- P321 Specific treatment (see on this label).
- P301+P312 If swallowed: Call a poison center/doctor if you feel unwell.
- P363 Wash contaminated clothing before reuse.
- P308+P313 IF exposed or concerned: Get medical advice/attention.
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P314 Get medical advice/attention if you feel unwell.
- P391 Collect spillage.
- P405 Store locked up.
- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards

Results of PBT and vPvB assessment

- PBT:** Not available.
- vPvB:** Not available.

*** 3 Composition/information on ingredients**

Chemical characterization: Mixtures

Description: Mixture of the substances listed below with nonhazardous additions.

Dangerous components:		
7727-43-7	barium sulphate, natural	10-25%
	Alkyl phenol (Proprietary) ☠ Acute Tox. 3, H331; ☠ Resp. Sens. 1, H334; STOT SE 1, H370-H371-H335-H336; STOT RE 2, H373; ☠ Skin Corr. 1A, H314; Eye Dam. 1, H318; ☠ Aquatic Chronic 2, H411; ☠ Skin Sens. 1, H317; Aquatic Acute 2, H401	10-25%
	Alkyl ether amine (Proprietary) ☠ Resp. Sens. 1, H334; STOT SE 1, H370-H371-H335-H336; STOT RE 2, H373; ☠ Skin Corr. 1A, H314; Eye Dam. 1, H318; ☠ Acute Tox. 4, H302; Skin Sens. 1, H317	10-25%
	Aliphatic amine (Proprietary) ☠ Acute Tox. 2, H330; ☠ Resp. Sens. 1, H334; STOT SE 1, H370-H371-H335-H336; STOT RE 2, H373; ☠ Skin Corr. 1A, H314; Eye Dam. 1, H318; ☠ Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1, H317	10-25%

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14807-96-6	Talc (Mg ₃ H ₂ (SiO ₃) ₄) ⚠ Carc. 2, H351	5.0-10.0%
84852-15-3	4-nonylphenol, branched ⚠ Repr. 2, H361; ⚠ Skin Corr. 1B, H314; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Acute Tox. 4, H302	5.0-10.0%
	Alkyl amine (Proprietary) ⚠ Resp. Sens. 1, H334; STOT SE 1, H370-H371-H335-H336; STOT RE 2, H373; ⚠ Skin Corr. 1A, H314; Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Sens. 1, H317	5.0-10.0%
12001-26-2	Mica	2.5-5.0%
10124-37-5	calcium nitrate, containing in the anhydrous state more than 16 per cent by weight of nitrogen ⚠ Ox. Liq. 2, H272; ⚠ Eye Irrit. 2A, H319	1.0-2.5%
64-17-5	ethanol ⚠ Flam. Liq. 2, H225; ⚠ Carc. 1A, H350	1.0-2.5%

*** 4 First-aid measures**
Description of first aid measures
General information:

Personal protection for the First Aider.

Take affected persons out into the fresh air.

Provide oxygen treatment if affected person has difficulty breathing.

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

Remove breathing apparatus only after contaminated clothing have been completely removed.

In case of irregular breathing or respiratory arrest provide artificial respiration.

After inhalation:

Call a doctor immediately.

Take affected persons into fresh air and keep quiet.

Use a respiration bag or breathing device.

Do not use mouth to mouth or mouth to nose resuscitation.

Supply fresh air or oxygen; call for doctor.

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

After skin contact:

Call a doctor immediately.

Immediate medical treatment necessary. Failure to treat burns can prevent wounds from healing.

Immediately wash with water and soap and rinse thoroughly.

After eye contact:

Call a doctor immediately.

Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing:

Call a doctor immediately.

Do not induce vomiting; immediately call for medical help.

Drink copious amounts of water and provide fresh air. Immediately call a doctor.

Information for doctor:
Most important symptoms and effects, both acute and delayed

Headache

Dizziness

Unconsciousness

Coughing

Asthma attacks

Breathing difficulty

Nausea

Cramp

Indication of any immediate medical attention and special treatment needed

Medical supervision for at least 48 hours.

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*** 5 Fire-fighting measures**

Extinguishing media

Suitable extinguishing agents:

Water haze
Foam
Fire-extinguishing powder
Carbon dioxide

Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

In case of fire, the following can be released:

Nitrogen oxides (NO_x)
Carbon monoxide (CO)

Advice for firefighters

Protective equipment:

Wear self-contained respiratory protective device.
Wear fully protective suit.
Mouth respiratory protective device.

Additional information

Collect contaminated fire fighting water separately. It must not enter the sewage system.

Disposal of fire debris and contaminated fire fighting water in accordance with official regulations.

*** 6 Accidental release measures**

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation
Wear protective equipment. Keep unprotected persons away.

Environmental precautions:

Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to penetrate the ground/soil.
In case of seepage into the ground inform responsible authorities.
Do not allow to enter sewers/ surface or ground water.

Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Use neutralizing agent.
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.

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**

Handling:

Precautions for safe handling

Keep receptacles tightly sealed.
Ensure appropriate ventilation/exhaust at the workplace.
Open and handle receptacle with care.

Information about protection against explosions and fires: Keep respiratory protective device available.

Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

Store only in the original receptacle.
Prevent any seepage into the ground.

Information about storage in one common storage facility: Store away from oxidizing agents.

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Further information about storage conditions:

Keep receptacle tightly sealed.
Store in cool, dry conditions in well sealed receptacles.
Store receptacle in fume compartment.

Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

Additional information about design of technical systems: No further data; see item 7.

Control parameters

Components with limit values that require monitoring at the workplace:

7727-43-7 barium sulphate, natural	
PEL	Long-term value: 15* 5** mg/m ³ *total dust **respirable fraction
REL	Long-term value: 10* 5** mg/m ³ *total dust **respirable fraction
TLV	Long-term value: 5* mg/m ³ *inhalable fraction; E
Aliphatic amine (Proprietary)	
ACGIH TLV	Short-term value: 0.1 mg/m ³ (1994-09-01) Ceiling Limit Value
NIOSH REL	Short-term value: 0.1 mg/m ³ (1994-06-01) Ceiling Limit Value
OSHA PEL	Short-term value: 0.1 mg/m ³ (1989-03-01) Ceiling Limit Value
12001-26-2 Mica	
PEL	Long-term value: 20 mppcf ppm <1% crystalline silica
REL	Long-term value: 3* mg/m ³ *respirable dust; containing < 1% quartz
TLV	Long-term value: 3* mg/m ³ *as respirable fraction
64-17-5 ethanol	
PEL	Long-term value: 1900 mg/m ³ , 1000 ppm
REL	Long-term value: 1900 mg/m ³ , 1000 ppm
TLV	Short-term value: 1880 mg/m ³ , 1000 ppm

Additional information: The lists that were valid during the creation were used as basis.

Exposure controls

Personal protective equipment:

General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.
Do not eat, drink, smoke or sniff while working.
Immediately remove all soiled and contaminated clothing.
Be sure to clean skin thoroughly after work and before breaks.
Do not inhale gases / fumes / aerosols.
Avoid contact with the eyes and skin.

Breathing equipment:

Use suitable respiratory protective device in case of insufficient ventilation.
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use selfcontained respiratory protective device.

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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

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.

Butyl rubber, BR

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

Body protection: Impervious protective clothing

*** 9 Physical and chemical properties**

Information on basic physical and chemical properties	
General Information	
Appearance:	
Form:	Viscous
Color:	Green
Odor:	Amine-like
Odour threshold:	Not determined.
pH-value:	Not determined.
Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Undetermined.
Flash point:	> 200 °C (> 392 °F)
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	372 °C (702 °F)
Decomposition temperature:	Not determined.
Auto igniting:	Product is not selfigniting.
Danger of explosion:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Vapor pressure:	Not determined.
Density at 20 °C (68 °F):	1.38 g/cm³ (11.516 lbs/gal)
Relative density	Not determined.
Vapour density	Not determined.

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Evaporation rate	Not determined.
Solubility in / Miscibility with Water:	Fully miscible.
Segregation coefficient (n-octanol/water):	Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
Solvent content:	
Organic solvents:	1.6 %
VOC:	1.6 %
	22.4 g/l / 0.19 lb/gl
Other information	No further relevant information available.

*** 10 Stability and reactivity**
Reactivity No further relevant information available.

Chemical stability
Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

Possibility of hazardous reactions

Reacts with acids.

Reacts with oxidizing agents.

Conditions to avoid No further relevant information available.

Incompatible materials:

Reacts with strong acids.

Reacts with oxidizing agents.

Hazardous decomposition products:

Nitrogen oxides

Carbon monoxide

*** 11 Toxicological information**
Information on toxicological effects
Acute toxicity:
LD/LC50 values that are relevant for classification:

ATE (Acute Toxicity Estimates)		
Oral	LD50	1920 mg/kg
Dermal	LD50	5756 mg/kg
Inhalative	LC50/4h	5.81 mg/l
Alkyl phenol (Proprietary)		
Oral	LD50	>2000 mg/kg (rat)
Dermal	LD50	2288 mg/kg (rabbit)
Inhalative	LC50/4h	5 mg/l (rat)
Alkyl ether amine (Proprietary)		
Oral	LD50	910 mg/kg (rat)
Aliphatic amine (Proprietary)		
Oral	LD50	930 mg/kg (rat)
Dermal	LD50	2000 mg/kg (rabbit)
Inhalative	LC50	3.89 mg/kg (rat) (1h)
	LC50/4h	0.8 mg/l (rat) (female)

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84852-15-3 4-nonylphenol, branched		
Oral	LD50	1412 mg/kg (rat) (other guideline)
Alkyl amine (Proprietary)		
Oral	LD50	500 mg/kg (ATE)
Dermal	LD50	1100 mg/kg (ATE)
Inhalative	LC50/4h	11 mg/l (ATE)
64-17-5 ethanol		
Oral	LD50	7060 mg/kg (rat)
Inhalative	LC50/4h	20000 mg/l (rat)

Primary irritant effect:

on the skin: Caustic effect on skin and mucous membranes.

on the eye: Strong caustic effect.

Sensitization: Sensitization possible through skin contact.

Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations:

Harmful

Corrosive

Irritant

Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.

Carcinogenic categories

IARC (International Agency for Research on Cancer)		
13983-17-0	Natural wollastonite	3
14807-96-6	Talc (Mg ₃ H ₂ (SiO ₃) ₄)	2B
64-17-5	ethanol	1

NTP (National Toxicology Program)

None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

*** 12 Ecological information**

Toxicity

Aquatic toxicity:

Alkyl phenol (Proprietary)

LC50/96h 5 mg/l (Fish - Pimephales promelas)

84852-15-3 4-nonylphenol, branched

EC50/48h 0.14 mg/l (Daphnia magna) (EU Method C.2)

EC50/72h 1.3 mg/l (Algae - Desmodesmus subspicatus) (other guideline)

LC50/96h 0.23 mg/l (Fish - Oncorhynchus mykiss) (ASTM 1991 E729-88a)

0.128 mg/l (Fish - Pimephales promelas) (ASTM 1991 E729-88a)

NOEC/21days 0.024 mg/l (Daphnia magna) (OECD 202 (reproduction))

NOEC/91d 0.006 mg/l (Fish - Oncorhynchus mykiss) (Study report acc. ASTM guideline)

Persistence and degradability No further relevant information available.

Behavior in environmental systems:

Bioaccumulative potential No further relevant information available.

Mobility in soil No further relevant information available.

Ecotoxicological effects:

Remark: Toxic for fish

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Additional ecological information:

General notes:

Must not reach bodies of water or drainage ditch undiluted or unneutralized.
Also poisonous for fish and plankton in water bodies.
Toxic for aquatic organisms
Water hazard class 3 (Self-assessment): extremely hazardous for water
Do not allow product to reach ground water, water course or sewage system, even in small quantities.
Danger to drinking water if even extremely small quantities leak into the ground.

Results of PBT and vPvB assessment

PBT: Not available.

vPvB: Not available.

Other adverse effects No further relevant information available.

*** 13 Disposal considerations**

Waste treatment methods





Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packagings:

Recommendation: Disposal must be made according to official regulations.

*** 14 Transport information**

UN-Number	
DOT, ADR, IMDG, IATA	UN2735
UN proper shipping name	
DOT	Polyamines, liquid, corrosive, n.o.s. (Alkyl phenol (Proprietary), Aliphatic amine (Proprietary))
ADR	2735 Polyamines, liquid, corrosive, n.o.s. (Alkyl phenol (Proprietary), Aliphatic amine (Proprietary)), MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS
IMDG	POLYAMINES, LIQUID, CORROSIVE, N.O.S. (Alkyl phenol (Proprietary), Aliphatic amine (Proprietary), Alkyl ether amine (Proprietary), 4-nonylphenol, branched), MARINE POLLUTANT
IATA	POLYAMINES, LIQUID, CORROSIVE, N.O.S. (Alkyl phenol (Proprietary), Aliphatic amine (Proprietary))
Transport hazard class(es)	
DOT	
	
Class	8 Corrosive substances
Label	8
<hr/>	
ADR, IMDG	
	
Class	8 Corrosive substances

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Label	8
IATA	
	
Class Label	8 Corrosive substances 8
Packing group DOT, ADR, IMDG, IATA	II
Environmental hazards:	Product contains environmentally hazardous substances: 4-nonylphenol, branched
Marine pollutant:	No Yes (DOT) Symbol (fish and tree)
Special marking (ADR):	Symbol (fish and tree)
Special precautions for user	Warning: Corrosive substances
Danger code (Kemler):	80
EMS Number:	F-A,S-B
Segregation groups	Alkalis
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
Transport/Additional information:	
DOT	
Quantity limitations	On passenger aircraft/rail: 1 L On cargo aircraft only: 30 L
Remarks:	Special marking with the symbol (fish and tree).
ADR	
Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
IMDG	
Limited quantities (LQ)	1 L
Excepted quantities (EQ)	Code: E 2
UN "Model Regulation":	UN2735, Polyamines, liquid, corrosive, n.o.s. (Alkyl phenol (Proprietary), Aliphatic amine (Proprietary)), MARINE POLLUTANT/ ENVIRONMENTALLY HAZARDOUS, 8, II

*** 15 Regulatory information**

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

Section 355 (extremely hazardous substances):

None of the ingredients is listed.

Section 313 (Specific toxic chemical listings):

7727-43-7 barium sulphate, natural

10124-37-5 calcium nitrate, containing in the anhydrous state more than 16 per cent by weight of nitrogen

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TSCA (Toxic Substances Control Act):	
7727-43-7	barium sulphate, natural
	Alkyl phenol (Proprietary)
	Alkyl ether amine (Proprietary)
	Aliphatic amine (Proprietary)
14807-96-6	Talc (Mg ₃ H ₂ (SiO ₃) ₄)
84852-15-3	4-nonylphenol, branched
	Alkyl amine (Proprietary)
10124-37-5	calcium nitrate, containing in the anhydrous state more than 16 per cent by weight of nitrogen
64-17-5	ethanol
1328-53-6	polychloro copper phthalocyanine
57-55-6	propane-1,2-diol

Proposition 65

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:
64-17-5 ethanol

Carcinogenic categories

EPA (Environmental Protection Agency)		
7727-43-7	barium sulphate, natural	D, CBD(inh), NL(oral)
TLV (Threshold Limit Value established by ACGIH)		
14807-96-6	Talc (Mg ₃ H ₂ (SiO ₃) ₄)	A4
64-17-5	ethanol	A3
NIOSH-Ca (National Institute for Occupational Safety and Health)		
None of the ingredients is listed.		

GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms



Signal word Danger

Hazard-determining components of labeling:

Aliphatic amine (Proprietary)
Alkyl ether amine (Proprietary)
Alkyl phenol (Proprietary)
Talc (Mg₃H₂(SiO₃)₄)

Hazard statements

H302 Harmful if swallowed.
H331 Toxic if inhaled.
H314 Causes severe skin burns and eye damage.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H317 May cause an allergic skin reaction.
H350 May cause cancer.

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- H361 Suspected of damaging fertility or the unborn child.
H370-H371 Causes damage to the skin, the respiratory system and the digestive system. Route of exposure: Oral, Inhalation and Dermal. May cause damage to the central nervous system. Route of exposure: Oral, Inhalation.
H373 May cause damage to organs through prolonged or repeated exposure. Route of exposure: Oral, Inhalation, Dermal.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

- P260 Do not breathe dusts or mists.
P284 Wear respiratory protection.
P280 Wear protective gloves.
P280 Wear eye protection / face protection.
P273 Avoid release to the environment.
P264 Wash thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P272 Contaminated work clothing must not be allowed out of the workplace.
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P301+P330+P331 If swallowed: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a poison center/doctor.
P321 Specific treatment (see on this label).
P301+P312 If swallowed: Call a poison center/doctor if you feel unwell.
P363 Wash contaminated clothing before reuse.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P314 Get medical advice/attention if you feel unwell.
P391 Collect spillage.
P405 Store locked up.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

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.

Department issuing SDS: Occupational product safety department of Seal For Life Industries

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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
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
vPvB: very Persistent and very Bioaccumulative
Flam. Liq. 2: Flammable liquids, Hazard Category 2

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Ox. Liq. 2: Oxidising Liquids, Hazard Category 2
Acute Tox. 4: Acute toxicity, Hazard Category 4
Acute Tox. 2: Acute toxicity, Hazard Category 2
Acute Tox. 3: Acute toxicity, Hazard Category 3
Skin Corr. 1A: Skin corrosion/irritation, Hazard Category 1A
Skin Corr. 1B: Skin corrosion/irritation, Hazard Category 1B
Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1
Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A
Resp. Sens. 1: Sensitisation - Respirat., Hazard Category 1
Skin Sens. 1: Sensitisation - Skin, Hazard Category 1
Carc. 1A: Carcinogenicity, Hazard Category 1A
Carc. 2: Carcinogenicity, Hazard Category 2
Repr. 2: Reproductive toxicity, Hazard Category 2
STOT SE 1: Specific target organ toxicity - Single exposure, Hazard Category 1
STOT RE 2: Specific target organ toxicity - Repeated exposure, Hazard Category 2
Aquatic Acute 1: Hazardous to the aquatic environment - AcuteHazard, Category 1
Aquatic Acute 2: Hazardous to the aquatic environment - AcuteHazard, Category 2
Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2

* **Data compared to the previous version altered.**

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