



# Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

## Longevity

Version number: GHS 4.0  
Replaces version of: 2015-09-09 (GHS 3)

revision: 2016-11-02

### SECTION 1: Identification

#### 1.1 Product identifier

Trade name **All Shine Nano-Seal**

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

Relevant identified uses general use

#### 1.3 Details of the supplier of the safety data sheet

B&B Blending, LLC  
10963 Leroy Drive  
Northglenn  
CO 80233 United States

Telephone: 1.800.875.6320, 1.303.289.6320

Telefax e-mail: info@bbblending.com

Website: bbblending.com

Competent person responsible for the SDS

Robert Blahnik

e-mail (competent person)

bblahnik@bbblending.com

#### 1.4 Emergency telephone number

Emergency information service

**USA 1.800.535.5053, INTL 1.352.323.3500**  
24 hour emergency telephone number.

### SECTION 2: Hazard(s) identification

#### 2.1 Classification of the substance or mixture

##### Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Annex	Hazard class and category	Hazard statement code(s)
B.6	flammable liquid	Cat. 4 (Flam. Liq. 4) H227
A.5	germ cell mutagenicity	Cat. 1B (Muta. 1B) H340
A.6	carcinogenicity	Cat. 1B (Carc. 1B) H350
A.7	reproductive toxicity	Cat. 2 (Repr. 2) H361f
A.10	aspiration hazard	Cat. 1 (Asp. Tox. 1) H304

##### Remarks

For full text of H-phrases: see SECTION 16.

##### Hazards not otherwise classified

Very toxic to aquatic life with long lasting effects (GHS category 1: aquatic toxicity - acute and chronic).

##### The most important adverse physicochemical, human health and environmental effects

The product is combustible and can be ignited by potential ignition sources.

#### 2.2 Label elements

##### Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

**Signal word** danger

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### Pictograms

GHS08



### Hazard statements

H227	Combustible liquid.
H304	May be fatal if swallowed and enters airways.
H340	May cause genetic defects.
H350	May cause cancer.
H361f	Suspected of damaging fertility.

### Precautionary statements

#### **Precautionary statements - prevention**

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
Keep container tightly closed.  
Wear protective gloves/eye protection/face protection.

#### **Precautionary statements - response**

IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician.  
IF exposed or concerned: Get medical advice/attention.  
Do NOT induce vomiting.  
In case of fire: Use sand, carbon dioxide or powder extinguisher to extinguish.

#### **Precautionary statements - storage**

Store in a well-ventilated place. Keep cool.  
Store locked up.

#### **Precautionary statements - disposal**

Dispose of contents/container in accordance with local/regional/national/international regulations.

#### **Hazardous ingredients for labelling**

Stoddard Solvent, octamethylcyclotetrasiloxane, Distillates (petroleum), hydrotreated light, odorless mineral spirits

### 2.3 Other hazards

This material is combustible, but will not ignite readily. Special danger of slipping by leaking/spilling product.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

not relevant (mixture)

### 3.2 Mixtures

#### **Description of the mixture**

Name of substance	Identifier	Wt%	Hazard class and category		Hazard statement
Distillates (petroleum), hydrotreated light	CAS No 64742-47-8	5 - < 10	B.6 A.10	Flam. Liq. 4 Asp. Tox. 1	H227 H304
odorless mineral spirits	CAS No 64742-48-9	5 - < 10	B.6 A.2 A.8D A.10	Flam. Liq. 3 Skin Irrit. 2 STOT SE 3 Asp. Tox. 1	H226 H315 H336 H304



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Name of substance	Identifier	Wt%	Hazard class and category		Hazard statement
octamethylcyclotetrasiloxane	CAS No 556-67-2	5 - < 10	B.6 A.7	Flam. Liq. 3 Repr. 2	H226 H361f
decamethylcyclopentasiloxane	CAS No 541-02-6	1 - < 5	B.6	Flam. Liq. 4	H227
Stoddard Solvent	CAS No 8052-41-3	1 - < 5	B.6 A.5 A.6 A.9 A.10	Flam. Liq. 3 Muta. 1B Carc. 1B STOT RE 1 Asp. Tox. 1	H226 H340 H350 H372 H304
aminofunctional silicone fluid	CAS No 69430-37-1	< 1	B.6	Flam. Liq. 2	H225
Propan-2-ol	CAS No 67-63-0	< 1	B.6 A.3 A.8D	Flam. Liq. 2 Eye Irrit. 2A STOT SE 3	H225 H319 H336
ethyl alcohol	CAS No 64-17-5	< 1	B.6 A.1D A.2 A.3 A.8	Flam. Liq. 2 Acute Tox. 4 Skin Irrit. 2 Eye Irrit. 2A STOT SE 1	H225 H312 H315 H319 H370
methanol	CAS No 67-56-1	< 1	B.6 A.10 A.1D A.11 A.8	Flam. Liq. 2 Acute Tox. 3 Acute Tox. 3 Acute Tox. 3 STOT SE 1	H225 H301 H311 H331 H370
ethylbenzene	CAS No 100-41-4	< 1	B.6 A.11 A.9 A.10	Flam. Liq. 3 Acute Tox. 4 STOT RE 2 Asp. Tox. 1	H226 H332 H373 H304
xylene	CAS No 1330-20-7	< 1	B.6 A.1D A.11 A.2 A.3 A.8R A.10	Flam. Liq. 3 Acute Tox. 4 Acute Tox. 4 Skin Irrit. 2 Eye Irrit. 2A STOT SE 3 Asp. Tox. 1	H226 H312 H332 H315 H319 H335 H304
cumene	CAS No 98-82-8	< 1	B.6 A.8R A.10	Flam. Liq. 3 STOT SE 3 Asp. Tox. 1	H226 H335 H304
1,2-benzisothiazol-3(2H)-one	CAS No 2634-33-5	< 1	A.10 A.2 A.3 A.4S	Acute Tox. 4 Skin Irrit. 2 Eye Dam. 1 Skin Sens. 1	H302 H315 H318 H317

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Name of substance	Identifier	Wt%	Hazard class and category		Hazard statement
4-methylpentan-2-one	CAS No 108-10-1	< 1	B.6 A.11 A.3 A.8R	Flam. Liq. 2 Acute Tox. 4 Eye Irrit. 2A STOT SE 3	H225 H332 H319 H335
sodium hydroxide	CAS No 1310-73-2	< 1	B.16 A.2 A.3	Met. Corr. 1 Skin Corr. 1A Eye Dam. 1	H290 H314 H318

For full text of abbreviations: see SECTION 16. Exact percentage of ingredients is withheld as a trade secret.

### SECTION 4: First-aid measures

#### 4.1

##### General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

##### Following inhalation

Provide fresh air.

##### Following skin contact

After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.

##### Following eye contact

Irrigate copiously with clean, fresh water, holding the eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing.

##### Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

### SECTION 5: Fire-fighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing media

water spray, BC-powder, carbon dioxide (CO<sub>2</sub>)

##### Unsuitable extinguishing media

water jet

#### 5.2 Special hazards arising from the substance or mixture

In case of insufficient ventilation and/or in use, may form flammable/explosive vapor-air mixture. Solvent vapors are heavier than air and may spread along floors. Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures.

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### **Hazardous combustion products**

nitrogen oxides (NO<sub>x</sub>), carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>)

### **5.3 Advice for firefighters**

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

## **SECTION 6: Accidental release measures**

### **6.1 Personal precautions, protective equipment and emergency procedures**

#### **For non-emergency personnel**

Remove persons to safety.

#### **For emergency responders**

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

### **6.2 Environmental precautions**

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

### **6.3 Methods and material for containment and cleaning up**

#### **Advices on how to contain a spill**

Covering of drains.

#### **Advices on how to clean up a spill**

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage (sawdust, kieselgur (diatomite), sand, universal binder).

#### **Appropriate containment techniques**

Use of adsorbent materials.

#### **Other information relating to spills and releases**

Place in appropriate containers for disposal. Ventilate affected area.

### **6.4 Reference to other sections**

Hazardous combustion products: see section 5. Personal precautions: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

## **SECTION 7: Handling and storage**

### **7.1 Precautions for safe handling**

#### **Recommendations**

#### **Measures to prevent fire as well as aerosol and dust generation**

Use local and general ventilation. Avoidance of ignition sources. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Use only in well-ventilated areas. Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools.

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### Warning

Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures. Vapors are heavier than air, spread along floors and form explosive mixtures with air. Vapors may form explosive mixtures with air.

### Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Managing of associated risks

##### • Explosive atmospheres

Keep container tightly closed and in a well-ventilated place. Use local and general ventilation. Keep cool. Protect from sunlight.

##### • Flammability hazards

Keep away from sources of ignition - No smoking. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Protect from sunlight.

#### Incompatible substances or mixtures

Observe compatible storage of chemicals.

#### Control of the effects

#### Protect against external exposure, such as

frost

#### Consideration of other advice

#### Ventilation requirements

Use local and general ventilation. Ground/bond container and receiving equipment.

### 7.3 Specific end use(s)

See section 16 for a general overview.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### National limit values

#### Occupational exposure limit values (Workplace Exposure Limits)

Coun-try	Name of agent	CAS No	Identifier	TWA [ppm]	TWA [mg/m <sup>3</sup> ]	STEL [ppm]	STEL [mg/m <sup>3</sup> ]	Source
US	hexone (methyl isobutyl ketone)	108-10-1	PEL	100	410			29 CFR OSHA
US	sodium hydroxide	1310-73-2	PEL		2			29 CFR OSHA
US	ethyl alcohol (ethanol)	64-17-5	PEL	1000	1900			29 CFR OSHA
US	petroleum distillates (naphtha) (rubber solvent)	64742-48-9	PEL	500	2000			29 CFR OSHA
US	methyl alcohol	67-56-1	PEL	200	260			29 CFR OSHA
US	isopropyl alcohol	67-63-0	PEL	400	980			29 CFR OSHA
US	stoddard solvent	8052-41-3	PEL	500	2900			29 CFR OSHA

#### Notation

STEL Short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period unless other-

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### Notation

TWA wise specified.  
Time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average.

### Relevant DNELs/DMELs/PNECs and other threshold levels

No data available.

## 8.2 Exposure controls

### Appropriate engineering controls

General ventilation.

### Individual protection measures (personal protective equipment)

#### Eye/face protection

Wear eye/face protection.

#### Skin protection

##### • hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

##### • other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

#### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

### Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

Physical state	liquid (viscous)
Color	off-white
Odor	characteristic

#### Other physical and chemical parameters

pH (value)	7.9 (25 °C)
Melting point/freezing point	not determined
Initial boiling point and boiling range	>65 °C at 1 atm
Flash point	61 °C at 101.3 kPa 142 °F at 1 atm (closed cup)
Evaporation rate	not determined
Flammability (solid, gas)	not relevant (fluid)

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Explosive limits	
• lower explosion limit (LEL)	0.7 vol%
• upper explosion limit (UEL)	5.4 vol%
Vapor pressure	132 Pa at 25 °C
Density	not determined
Relative density	0.99 (water = 1)
Solubility(ies)	not determined
Partition coefficient	
n-octanol/water (log KOW)	this information is not available
Auto-ignition temperature	343 °C
Viscosity	not determined
Explosive properties	none
Oxidizing properties	none

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The mixture contains reactive substance(s): risk of ignition

• **if heated**

risk of ignition

#### 10.2 Chemical stability

See below "Conditions to avoid".

#### 10.3 Possibility of hazardous reactions

No known hazardous reactions.

#### 10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**Hints to prevent fire or explosion**

Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

**Physical stresses which might result in a hazardous situation and have to be avoided**

strong shocks

#### 10.5 Incompatible materials

There is no additional information.

#### 10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.



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### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

Test data are not available for the complete mixture.

##### Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

##### Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

##### Acute toxicity

Shall not be classified as acutely toxic.

##### Acute toxicity of components of the mixture

Name of substance	CAS No	Exposure route	ATE
ethyl alcohol	64-17-5	dermal	1100 mg/kg
methanol	67-56-1	oral	100 mg/kg
methanol	67-56-1	dermal	300 mg/kg
methanol	67-56-1	inhalation: vapor	3 mg/l/4h
ethylbenzene	100-41-4	inhalation: vapor	11 mg/l/4h
xylene	1330-20-7	dermal	1100 mg/kg
xylene	1330-20-7	inhalation: vapor	11 mg/l/4h
1,2-benzisothiazol-3(2H)-one	2634-33-5	oral	500 mg/kg
4-methylpentan-2-one	108-10-1	inhalation: vapor	11 mg/l/4h

##### Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

##### Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

##### Respiratory or skin sensitization

Shall not be classified as a respiratory or skin sensitizer.

##### Summary of evaluation of the CMR properties

May cause genetic defects.

May cause cancer.

Suspected of damaging fertility.

##### Carcinogenicity

- National Toxicology Program (United States): none of the ingredients are listed
- IARC Monographs none of the ingredients are listed

Name of substance	Name acc. to inventory	CAS No	wt%	Classification	Remarks	Number
4-methylpentan-2-one	Methyl isobutyl ketone	108-10-1	0.0074	2B		Volume 101
ethyl alcohol	Ethanol	64-17-5	0.6586	1	in alcoholic beverages	Volume 96, 100E

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Name of substance	Name acc. to inventory	CAS No	wt%	Classification	Remarks	Number
Propan-2-ol	Isopropyl alcohol	67-63-0	0.6912	3		Volume 15, Sup 7, 71

**Legend**

- 1 Carcinogenic to humans.
- 2B Possibly carcinogenic to humans.
- 3 Not classifiable as to carcinogenicity in humans.

**Specific target organ toxicity (STOT)**

Shall not be classified as a specific target organ toxicant.

**Aspiration hazard**

May be fatal if swallowed and enters airways.

### SECTION 12: Ecological information

**12.1 Toxicity**

Very toxic to aquatic life with long lasting effects.

**Aquatic toxicity (acute)**

Shall not be classified as hazardous to the aquatic environment.

**Aquatic toxicity (acute) of components of the mixture**

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
octamethylcyclotetrasiloxane	556-67-2	LC50	>22 µg/l	fish	96 h
octamethylcyclotetrasiloxane	556-67-2	EC50	>1000 mg/l	aquatic invertebrates	96 h
decamethylcyclopentasiloxane	541-02-6	LC50	>16 µg/l	fish	96 h
decamethylcyclopentasiloxane	541-02-6	EC50	>2.9 µg/l	aquatic invertebrates	48 h
Propan-2-ol	67-63-0	LC50	10000 mg/l	fish	96 h
ethyl alcohol	64-17-5	LC50	14.2 g/l	fish	96 h
ethyl alcohol	64-17-5	EC50	12.9 g/l	fish	96 h
methanol	67-56-1	LC50	15400 mg/l	fish	96 h
methanol	67-56-1	EC50	12700 mg/l	fish	96 h
methanol	67-56-1	ErC50	22000 mg/l	algae	96 h
ethylbenzene	100-41-4	LC50	6.4 mg/l	fish	48 h
ethylbenzene	100-41-4	EC50	2.4 mg/l	aquatic invertebrates	48 h
cumene	98-82-8	LC50	4.8 mg/l	fish	96 h

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Name of substance	CAS No	Endpoint	Value	Species	Exposure time
cumene	98-82-8	EC50	2.14 mg/l	aquatic invertebrates	48 h
cumene	98-82-8	ErC50	2.01 mg/l	algae	72 h
4-methylpentan-2-one	108-10-1	LC50	>179 mg/l	fish	96 h
4-methylpentan-2-one	108-10-1	EC50	>200 mg/l	aquatic invertebrates	48 h
sodium hydroxide	1310-73-2	EC50	40.4 mg/l	aquatic invertebrates	48 h

### Aquatic toxicity (chronic)

#### Aquatic toxicity (chronic) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
odorless mineral spirits	64742-48-9	EC50	15.41 mg/l	microorganisms	40 h
octamethylcyclotetrasiloxane	556-67-2	LC50	10 µg/l	fish	14 d
octamethylcyclotetrasiloxane	556-67-2	EC50	>500 mg/l	aquatic invertebrates	24 h
decamethylcyclopentasiloxane	541-02-6	LC50	>16 µg/l	fish	14 d
decamethylcyclopentasiloxane	541-02-6	EC50	>15 µg/l	aquatic invertebrates	21 d
Propan-2-ol	67-63-0	LC50	>10000 mg/l	aquatic invertebrates	24 h
ethyl alcohol	64-17-5	LC50	>0.08 mg/l	fish	42 d
ethyl alcohol	64-17-5	EC50	22.6 g/l	algae	10 d
ethyl alcohol	64-17-5	ErC50	675 mg/l	algae	4 d
ethylbenzene	100-41-4	LC50	7 mg/l	fish	24 h
ethylbenzene	100-41-4	EC50	2.8 mg/l	aquatic invertebrates	24 h
cumene	98-82-8	LC50	6.4 mg/l	fish	24 h
cumene	98-82-8	EC50	2.45 mg/l	aquatic invertebrates	24 h
4-methylpentan-2-one	108-10-1	EC50	3623 mg/l	aquatic invertebrates	24 h
4-methylpentan-2-one	108-10-1	ErC50	>146 mg/l	algae	7 d

### 12.2 Persistence and degradability

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### Degradability of components of the mixture

Name of substance	CAS No	Process	Degradation rate	Time
octamethylcyclotetrasiloxane	556-67-2	carbon dioxide generation	3.7 %	29 d
decamethylcyclopentasiloxane	541-02-6	carbon dioxide generation	0.14 %	28 d
Propan-2-ol	67-63-0	oxygen depletion	53 %	5 d
ethyl alcohol	64-17-5	oxygen depletion	74 %	5 d
methanol	67-56-1	oxygen depletion	76 %	5 d
4-methylpentan-2-one	108-10-1	oxygen depletion	83 %	28 d

### 12.3 Bioaccumulative potential

Data are not available.

#### Bioaccumulative potential of components of the mixture

Name of substance	CAS No	BCF	Log KOW	BOD5/COD
octamethylcyclotetrasiloxane	556-67-2	12400	4.45	
decamethylcyclopentasiloxane	541-02-6	7060	4.76 (22.4 °C)	
Stoddard Solvent	8052-41-3		3.16 - 7.15	
ethyl alcohol	64-17-5		-0.35 (pH value: 7.4, 24 °C)	
methanol	67-56-1		-0.77	
ethylbenzene	100-41-4	1	3.6 (pH value: 7.84, 20 °C)	
xylene	1330-20-7	>5.5 - <12.2	3.2 (pH value: 7, 20 °C)	
cumene	98-82-8		3.55 (23 °C)	
4-methylpentan-2-one	108-10-1		1.9 (pH value: 6.7)	

### 12.4 Mobility in soil

Data are not available.

### 12.5 Results of PBT and vPvB assessment

Data are not available.

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**12.6 Other adverse effects**  
 Data are not available.

### SECTION 13: Disposal considerations

**13.1 Waste treatment methods**

**Waste treatment-relevant information**

Solvent reclamation/regeneration.

**Sewage disposal-relevant information**

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

**Waste treatment of containers/packages**

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

**Remarks**

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

### SECTION 14: Transport information

- |             |  |  |
|-------------|--|--|
| <b>14.1</b> | UN number  | (not subject to transport regulations)                                       |
| <b>14.2</b> | UN proper shipping name  | not relevant   |
| <b>14.3</b> | Transport hazard class(es)<br>Class  | -  |
| <b>14.4</b> | Packing group  | not relevant   |
| <b>14.5</b> | Environmental hazards  | none (non-environmentally hazardous acc. to the dangerous goods regulations) |
| <b>14.6</b> | Special precautions for user<br>There is no additional information.  |  |
| <b>14.7</b> | Transport in bulk according to Annex II of MARPOL and the IBC Code<br>The cargo is not intended to be carried in bulk. |  |

### SECTION 15: Regulatory information

**15.1 Safety, health and environmental regulations specific for the product in question**

**National regulations (United States)**

**Toxic Substance Control Act (TSCA)** all ingredients are listed or exempt from listing

**SARA TITLE III (Superfund Amendment and Reauthorization Act)**

List of Extremely Hazardous Substances (40 CFR 355) (EPCRA Section 302 and 304) none of the ingredients are listed

Specific Toxic Chemical Listings (40 CFR 372) (EPCRA Section 313) none of the ingredients are listed contains:



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Name of substance	CAS No	Remarks	Effective date
4-methylpentan-2-one	108-10-1		1986-12-31
methanol	67-56-1		1986-12-31
Propan-2-ol	67-63-0	Only persons who manufacture by the strong acid process are subject, no supplier notification.	1986-12-31

### Industry or sector specific available guidance(s)

#### NPCA-HMIS® III

Hazardous Materials Identification System (American Coatings Association)

Category	Rating	Description
<b>Chronic</b>	*	Chronic (long-term) health effects may result from repeated overexposure.
<b>Health</b>	0	No significant risk to health.
<b>Flammability</b>	2	Material that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur.
<b>Physical hazard</b>	0	Material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive.
<b>Personal protective equipment</b>	-	

#### NFPA® 704

National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States)

Category	Degree of hazard	Description
<b>Flammability</b>	2	Material that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur.
<b>Health</b>	0	Material that, under emergency conditions, would offer no hazard beyond that of ordinary combustible material.
<b>Instability</b>	0	Material that is normally stable, even under fire conditions.
<b>Special hazard</b>		

### Right to Know Hazardous Substance List

none of the ingredients are listed

Name of substance	CAS No	Remarks	Classifications
4-methylpentan-2-one	108-10-1		F3 R1
sodium hydroxide	1310-73-2		CO R1



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Name of substance	CAS No	Remarks	Classifications
ethyl alcohol	64-17-5		CA MU TE F3
methanol	67-56-1		TE F3
Propan-2-ol	67-63-0		F3
Stoddard Solvent	8052-41-3		F2

### Legend

- CA Carcinogenic.
- CO Corrosive.
- F2 Flammable - Second Degree.
- F3 Flammable - Third Degree.
- MU Mutagenic.
- R1 Reactive - First Degree.
- TE Teratogenic.

### Proposition 65 List of chemicals

none of the ingredients are listed

Name of substance	CAS No	Remarks	Type of the toxicity
4-methylpentan-2-one	108-10-1		cancer
4-methylpentan-2-one	108-10-1		developmental
ethyl alcohol	64-17-5	in alcoholic beverages	cancer
ethyl alcohol	64-17-5	in alcoholic beverages	developmental
methanol	67-56-1		developmental

### Relevant European Union (EU) safety, health and environmental provisions

#### Classification according to GHS (1272/2008/EC, CLP)

#### Hazard class

- germ cell mutagenicity
- carcinogenicity
- reproductive toxicity
- aspiration hazard
- hazardous to the aquatic environment - chronic hazard

#### Category Hazard class and category

- 1B (Muta. 1B)
- 1B (Carc. 1B)
- 2 (Repr. 2)
- 1 (Asp. Tox. 1)
- 3 (Aquatic Chronic 3)

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### SECTION 16: Other information, including date of preparation or last revision

#### 16.1 Indication of changes (revised safety data sheet)

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
1.3	Details of the supplier of the safety data sheet: All Shine 8951 Bonita Beach Road Suite 525-282 Bonita Springs, FL 34135 239-992-2220	Details of the supplier of the safety data sheet: B&B Blending, LLC 10963 Leroy Drive Northglenn CO 80233 United States  Telephone: 1.800.875.6320, 1.303.289.6320 Telefax e-mail: info@bbblending.com Website: bbblending.com	yes
1.3		e-mail (competent person): bblahnik@bbblending.com	yes
2.2	Hazardous ingredients for labelling: Stoddard Solvent, dimethylsiloxane cyclic tetramer, Distillates (petroleum), hydrotreated light, odorless mineral spirits	Hazardous ingredients for labelling: Stoddard Solvent, octamethylcyclotetrasiloxane, Distillates (petroleum), hydrotreated light, odorless mineral spirits	yes
3.2		Description of the mixture: change in the listing (table)	yes
12.1		Aquatic toxicity (acute) of components of the mixture: change in the listing (table)	yes
12.1		Aquatic toxicity (chronic) of components of the mixture: change in the listing (table)	yes
12.2		Degradability of components of the mixture: change in the listing (table)	yes
12.3		Bioaccumulative potential of components of the mixture: change in the listing (table)	yes

#### 16.2 Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
29 CFR OSHA	29 CFR §1910.1001 - Occupational Safety and Health Standards: Toxic and Hazardous Substances (permissible exposure limits)
Acute Tox.	acute toxicity
Asp. Tox.	aspiration hazard
ATE	Acute Toxicity Estimate
BCF	BioConcentration Factor
BOD	Biochemical Oxygen Demand
Carc.	carcinogenicity
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
CLP	Regulation (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures
CMR	Carcinogenic, Mutagenic or toxic for Reproduction
COD	chemical oxygen demand
DMEL	Derived Minimal Effect Level
DNEL	Derived No-Effect Level



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Abbr.	Descriptions of used abbreviations
Eye Dam.	seriously damaging to the eye
Eye Irrit.	irritant to the eye
Flam. Liq.	flammable liquid
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
IARC Monographs	IARC Monographs on the Evaluation of Carcinogenic Risks to Humans
log KOW	n-octanol/water
MARPOL	International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant")
Met. Corr.	substance or mixture corrosive to metals
Muta.	germ cell mutagenicity
NFPA® 704	National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States)
NPCA-HMIS® III	National Paint and Coatings Association: Hazardous Materials Identification System - HMIS® III, Third Edition
OSHA	Occupational Safety and Health Administration (United States)
PBT	Persistent, Bioaccumulative and Toxic
PEL	permissible exposure limit
PNEC	Predicted No-Effect Concentration
ppm	parts per million
Repr.	reproductive toxicity
Skin Corr.	corrosive to skin
Skin Irrit.	irritant to skin
Skin Sens.	skin sensitization
STEL	short-term exposure limit
STOT RE	specific target organ toxicity - repeated exposure
STOT SE	specific target organ toxicity - single exposure
TWA	time-weighted average
vPvB	very Persistent and very Bioaccumulative

### 16.3 Key literature references and sources for data

- OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200
- 49 CFR § 172.101 Hazardous Materials Table (DOT)

### 16.4 Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards/Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).



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### 16.5

#### List of relevant phrases (code and full text as stated in chapter 2 and 3)

Code	Text
H225	highly flammable liquid and vapor
H226	flammable liquid and vapor
H227	combustible liquid
H290	may be corrosive to metals
H301	toxic if swallowed
H302	harmful if swallowed
H304	may be fatal if swallowed and enters airways
H311	toxic in contact with skin
H312	harmful in contact with skin
H314	causes severe skin burns and eye damage
H315	causes skin irritation
H317	may cause an allergic skin reaction
H318	causes serious eye damage
H319	causes serious eye irritation
H331	toxic if inhaled
H332	harmful if inhaled
H335	may cause respiratory irritation
H336	may cause drowsiness or dizziness
H340	may cause genetic defects
H350	may cause cancer
H361f	suspected of damaging fertility
H370	causes damage to organs
H372	causes damage to organs through prolonged or repeated exposure
H373	may cause damage to organs through prolonged or repeated exposure

### 16.7

#### Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.