

Safety Data Sheet

SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier

The product is identified as **One Step**.

1.2 Recommended and restrictions on use.

This substance or mixture is intended for use in the care and maintenance of boats, yachts, and other marine craft specifically those surfaces of gel coated fibreglass or painted steel.

1.3 Details of the supplier

Company Name:	APEX Marine Coatings
Street:	50 Housatonic Avenue, Stratford, CT 06615
E-mail:	mark@apexmarinecoatings.com
Telephone	1-646-706-3462

1.4 Emergency telephone number

Poison Control Center: 1-800-222-1222 (24 hrs)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Eye Dam 1; H318

Skin Irrit 2; H315

2.2. Label elements

Hazard Components for labelling

aliphatic hydrocarbons 15-30%, anionic surfactants <5%, nonionic surfactants <5%, Preservatives (Phenoxyethanol, Laurylamine Dipropylenediamine, Butylbenzisothiazolinone), Fragrances (free of allergens 2003/15/EC)

Signal Word

Danger

Pictograms



Hazard Statements

H318	Causes serious eye damage
H315	Causes skin irritation

Precautionary statements

P102	Keep out of reach of children.
P280	Wear protective gloves/protective clothing/eye protection/face protection

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P264+P265 Wash hands thoroughly after handling. Do not touch eyes.

P301+P330+P331+P316 IF SWALLOWED: Rinse mouth. Do **NOT** induce vomiting. **Call Poison Control Centre: 1-800-222-1222**

P305+P354+P338 IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P302+P352+P362+P364 IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

2.3. Other hazards

None

SECTION 3: Composition/information on ingredients

3.1 Mixtures

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
64742-48-9	hydrocarbons, C10-C13, n-alkanes, iso-alkanes, cyclic, < 2% aromatics (<0,1% benzene)			5 - < 10 %
	918-481-9		01-2119457273-39	
	Asp. Tox. 1; H304 EUH066			
64742-47-8	Hydrocarbons, C11-14, n-alkanes, isoalkanes, cyclics, <0,2% aromatics (<0,001% benzene)			5 - < 10 %
	926-141-6		01-2119456620-43	
	Asp. Tox. 1; H304 EUH066			
64742-46-7	Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclics, <2% aromatics (<0,1% benzene)			1 - < 5 %
	265-148-2		01-2119457735-29	
	Asp. Tox. 1; H304 EUH066			
	Hexadecyl-aminoethylaminopropyl-polydimethylsiloxane ¹ *			1 - < 5 %
	945-969-9			
	Skin Irrit. 2, Eye Dam. 1; H315 H318			
122-99-6	2-phenoxyethanol			< 1 %
	204-589-7	603-098-00-9	01-2119488943-21	
	Acute Tox. 4, Eye Dam. 1, STOT SE 3; H302 H318 H335			
4299-07-4	2-n-butyl-benzo[d]isothiazol-3-one			< 0.1 %
	420-590-7	606-079-00-3	01-0000016721-74	
	Skin Corr. 1B, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1; H314 H318 H317			
2372-82-9	N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine			< 0.1 %
	219-145-8		01-2119980592-29	
	Acute Tox. 3, Skin Corr. 1B, Eye Dam. 1, STOT RE 2, Aquatic Acute 1, Aquatic Chronic 1; H301			
2634-33-5	1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one			< 0.1 %
	220-120-9	613-088-00-6	01-2120761540-60	
	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1; H302 H315 H318 H317			

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3.2 Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
64742-48-9	918-481-9	hydrocarbons, C10-C13, n-alkanes, iso-alkanes, cyclic, < 2% aromatics (<0,1% benzene)	5 - < 10 %
		inhalation: LC50 = mg/l (vapours); dermal: LD50 = >5000 mg/kg; oral: LD50 = >5000 mg/kg	
64742-46-7	265-148-2	Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclics, <2% aromatics (<0,1% benzene)	1 - < 5 %
		inhalation: LC50 = 5266 mg/l (vapours); dermal: LD50 = >3160 mg/kg; oral: LD50 = >5000 mg/kg	
	945-969-9	Hexadecyl-aminoethylaminopropyl-polydimethylsiloxane ¹ *	1 - < 5 %
		Eye Dam. 1; H318: >= 50 - 100 Eye Irrit. 2; H319: >= 10 - < 50	
122-99-6	204-589-7	2-phenoxyethanol	< 1 %
		dermal: LD50 = >2000 mg/kg; oral: ATE 1394 mg/kg	
4299-07-4	420-590-7	2-n-butyl-benzo[d]isothiazol-3-one	< 0.1 %
		Aquatic Acute 1; H400: M=10	
2372-82-9	219-145-8	N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine	< 0.1 %
		oral: ATE = 100 mg/kg Aquatic Acute 1; H400: M=10	
2634-33-5	220-120-9	1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one	< 0.1 %
		oral: ATE = 500 mg/kg Skin Sens. 1; H317: >= 0,05 - 100	

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Not applicable

After contact with skin

Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

After contact with eyes

Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

After ingestion

Do NOT induce vomiting.

Have victim drink large quantities of water, with active charcoal if possible.

In case of accident or unwellness, Do **NOT** induce vomiting. **Call Poison Control Centre: 1-800-222-1222** (show directions for use or safety data sheet if possible).

4.2. Most important symptoms and effects, both acute and delayed

No known symptoms to date.

4.3. Indication of any immediate medical attention and special treatment needed

Administer activated carbon to decrease resorption in the gastrointestinal tract.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

The product itself does not burn.

5.2. Special hazards arising from the substance or mixture

The vapours are heavier than air and can accumulate in high concentrations on the ground, in cavities, channels and cellars.

5.3. Advice for firefighters

No special fire protection measures are necessary.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

High slip hazard because of leaking or spilled product.

6.2. Environmental precautions

Product may not be released into water without pre-treatment.

Do not allow to product to enter surface water or drains.

6.3. Methods and material for containment and cleaning up

Take up mechanically.

Treat the recovered material as prescribed in the section on waste disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

No special measures are necessary.

Advice on protection against fire and explosion

No special measures are necessary.

Advice on general occupational hygiene

No special measures are necessary.

Wash hands before breaks and after work.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

No special measures are necessary.

Hints on joint storage

No special measures are necessary.

Further information on storage conditions

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Protect against frost. Storage temperature of °C: 0 up to °C: 30

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
1344-28-1	Aluminium oxides, respirable dust	-	4		TWA (8 h)	WEL
56-81-5	Glycerol, mist	-	10		TWA (8 h)	WEL
8002-74-2	Paraffin wax, fume	-	2		TWA (8 h)	WEL
		-	6		STEL (15 min)	WEL

8.2. Exposure controls / personal protection

Eye/face protection

Eye protection not required.

Hand protection

Hand protection is not required.

Skin protection

Body protection not required.

Respiratory protection

Respiratory protection not required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	viscous
Colour	light blue
Odour	fruity
Melting point/freezing point	not determined
Boiling point or initial boiling point and boiling range	100-220 °C
Flammability	not determined
Lower explosion limits	0,6 vol. %
Upper explosion limits	8,0 vol. %
Flash point	>65 °C
Auto-ignition temperature	240 °C
Decomposition temperature	not determined
pH-Value (at 20 °C)	8,0-8,5
Water solubility	partially miscible (emulsifiable)
Solubility in other solvents	not determined
Partition coefficient n-octanol/water	not determined
Vapour pressure (at 20 °C)	24 hpa
Density (at 20 °C)	1,06 g/cm ³
Relative vapour density:	not determined

9.2. Other information

Information regarding physical hazard classes

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Explosive properties In use, may form flammable/explosive vapour-air mixture.

Self-ignition temperature

Solid:

not applicable

Gas:

not determined

Oxidizing properties

not oxidizing.

Other safety characteristics

Evaporation rate:

not determined

Solvent separation test:

not determined

Solvent content:

11%

Viscosity / dynamic: (at 20 °C)

7000-10000 mPa·s

Flow time:

not determined

Further Information

* Aliphatic hydrocarbons boiling temperature / boiling range 180-220°C Not sustaining combustion.

SECTION 10: Stability and reactivity

10.1. Reactivity

No risks worthy of mention.

10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

No risks worthy of mention.

10.4. Conditions to avoid

No risks worthy of mention.

10.5. Incompatible materials

none

10.6. Hazardous decomposition products

No risks worthy of mention.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Based on available data, the classification criteria are not met.

Acute toxicity

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
64742-48-9	hydrocarbons, C10-C13, n-alkanes, iso-alkanes, cyclic, < 2% aromatics (<0,1% benzene)				
	oral	LD50 >5000	rat		
	dermal	LD50 >5000	rbt		
	inhalation vapour	LC50 mg/l	Vapour pressure: to low	4h max.5mg/l	
64742-46-7	Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclics, <2% aromatics (<0,1% benzene)				
	oral	LD50 >5000	Rat		OECD 401

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CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
	dermal	LD50 >3160	Rabbit		OECD 402
	inhalation (4 h) vapour	LC50 5266 mg/l	Rat		OECD 403
122-99-6	2-phenoxyethanol				
	oral	ATE 1394 mg/kg			
	dermal	LD50 >2000	Rabbit		
2372-82-9	N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine				
	oral	ATE 100			
2634-33-5	1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one				
	oral	ATE 500			

Irritation and corrosivity

Based on available data, the classification criteria are not met.

Sensitising effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

Not required by OSHA HCS.

Contact APEX Marine Coatings for additional information.

SECTION 13: Disposal considerations

Not required by OSHA HCS.

Dispose in accordance with applicable regulations. Do not discharge to sewer. Refer to Section 8 for exposure controls.

SECTION 14: Transport information

Not required by OSHA HCS.

UN number/proper shipping name/hazard class/packing group: Not applicable.

SECTION 15: Regulatory information

Not required by OSHA HCS.

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SECTION 16: Other information

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