

Safety Data Sheet

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

1.1 Product identifier

The product is identified as **Protect and Gloss Wax**.

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

Asp. Tox. 1; H304
Eye Dam. 1; H318
Skin Irrit. 2; H315

2.2. Label elements

Hazard components for labelling

hydrocarbons, C10-C13, n-alkalines, isoalkanes, cyclics, <2% aromatics (<0.1% benzene); Siloxanes and Silicones, 3-[(2-aminoethyl)amino]propyl Me,di-Me¹

Signal Word

Danger

Pictograms



Hazard Statements

H304	May be fatal if swallowed and enters airways
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
P264+P265	Wash hands thoroughly after handling. Do not touch eyes.

Safety Data Sheet

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.

P403+P235 Store in a well-ventilated place.

P501 Dispose of contents and container in accordance with local regulations

Special labelling of certain mixtures

EUH066 Repeated exposure may cause skin dryness or cracking.

2.3 Other hazards

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

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			75 - < 100 %
	918-481-9		01-2119457273-39	
	Asp. Tox. 1; H304 EUH066			
71750-79-3	Siloxanes and Silicones, 3-[(2-aminoethyl)amino]propyl Me,di-Me ¹			1 - < 5 %
	Skin Irrit. 2, Eye Dam. 1; H315 H318			
5989-27-5	Fragrance Limonene			0,01- <0,1 %
	227-813-5	601-029-00-7	01-2119529223-47	
	Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1; H226 H315 H317 H400 H410			
106-24-1	Fragrance Geraniol			0,01- <0,1 %
	203-377-1		01-2119552430-49	
	Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1A; H315 H318 H317			
78-70-6	Fragrance Linalool			0,01- <0,1 %
	201-134-4	603-235-00-2	01-2119474016-42	
	Skin Sens. 1B; H317			

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	75 - < 100 %
		inhalation: LC50 = mg/l (vapours); dermal: LD50 = >5000 mg/kg; oral: LD50 = >5000 mg/kg	
5989-27-5	227-813-5	Fragrance Limonene	0,01- <0,1 %
		dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 2000 mg/kg	

Safety Data Sheet

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

If victim is at risk of losing consciousness, position and transport on their side. Remove affected person from the danger area and lay down.

After inhalation

Move victim to fresh air. Put victim at rest and keep warm

After contact with skin

Rinse with water. After cleaning apply high-fat content skin care cream.

After contact with eyes

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

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

Following inhalation, the following symptoms may occur: Headache. Dizziness. Nausea. Sweating. drowsiness.

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

Give activated carbon, in order to reduce the resorption in the gastro-enteric tract.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Alcohol resistant foam, Extinguishing powder. Water spray. Atomized water. Carbon dioxide (CO₂).

Unsuitable extinguishing media

High power water jet

5.2. Special hazards arising from the substance or mixture

Hydrocarbons, aliphatic, Siloxane, Pyrolysis products, toxic.

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

In case of fire: Wear self-contained breathing apparatus.

Additional information

In case of fire and/or explosion do not breathe fumes. Burning produces heavy smoke. Use water spray jet to protect personnel and to cool endangered containers. Contaminated fire-fighting water must not get into the sewerage network. Remove product from area of fire

Safety Data Sheet

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Ventilate affected area.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose it

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Collect in closed containers for disposal. Ventilate affected area

6.4 Reference to other sections

Vapours are heavier than air and will spread at floor level

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Ventilate affected area.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking.

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

Advice on general occupational hygiene

Do not breathe gas/vapour.

Avoid eye contact and skin contact.

Work in well-ventilated zones or use proper respiratory protection.

Wash hands before breaks and after work. After cleaning apply high-fat content skin care cream.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

Hints on joint storage

Do not store together with: Oxidizing agents.

Further information on storage conditions

Recommended storage temperature up to °C 30°

7.3 Specific end use(s)

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

Safety Data Sheet

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
8002-74-2	Paraffin wax, fume	-	2	-	TWA (8 h)	WEL
		-	6	-	STEL (15 min)	WEL

8.2. Exposure controls / personal protection

Individual protection measures, such as personal protective equipment eye/face protection

Recommendation: bottling and transfer. Tightly sealed safety glasses.

Hand protection

When handling with chemical substances, protective gloves must be worn including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. Tested protective gloves are to be worn.

PVC (polyvinyl chloride) (Thickness of the glove material: 0,5mm)

NBR (Nitrile rubber). (Thickness of the glove material: 0,5mm)

PVA (Polyvinyl alcohol). (Thickness of the glove material: 0,5mm)

Viton (Thickness of the glove material: 0,5mm)

Unsuitable material: CR (polychloroprenes, Chloroprene rubber). Butyl rubber. NR (Natural rubber (Caoutchouc), Natural latex).

Skin protection

Body protection not required.

Respiratory protection

Respiratory protection necessary at: insufficient ventilation. Insufficient absorption. high concentration. Handling larger quantities. Full-/Half-/Quarter-Masks (DIN EN 136/140).

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	viscous
Color	light green opaque
Odor	fruity
Odor threshold	not determined
Melting point/freezing point:	not determined
Boiling point or initial boiling point and boiling range	180-220 °C
Flammability	not determined
Lower explosion limits:	0.6 vol. %
Upper explosion limits:	7 vol. %
Flash point:	62 °C
Auto-ignition temperature:	not determined
Decomposition temperature:	not determined
pH-Value (at 20 °C):	not applicable
Viscosity / kinematic:	not determined
Water solubility:	virtually insoluble
Solubility in other solvents	not determined

Safety Data Sheet

Partition coefficient n-octanol/water:	not determined
Vapour pressure (at 20 °C)	0.8 hpa
Vapour pressure (at 50 °C)	50 hpa
Density (at 20 °C)	0.83 g/cm ³
Relative vapour density	not determined
Particle characteristics	not determined

9.2. Other information

Information regarding physical hazard classes

Explosive properties	In use, may form flammable/explosive vapour-air mixture
Self-ignition temperature	
Solid:	not applicable
Gas	>200 °C
Oxidizing properties	not oxidizing

Other safety characteristics

Evaporation rate	not determined
Solvent separation test	not determined
Solvent content	84%
Viscosity / dynamic:	not determined

Further Information

This material is combustible and can be ignited by heat, sparks, flames, or other sources of ignition (e.g. static electricity, pilot lights, or mechanical/electrical equipment).

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

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

10.5. Incompatible materials

Oxidizing agents, strong

10.6. Hazardous decomposition products

No risks worthy of mention.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

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

Safety Data Sheet

ATE mix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
64742-48-9	hydrocarbons, C10-C13				
	oral	LD50 mg/kg >5000	rat		
	dermal	LD50 mg/kg >5000	rbt		
	inhalation vapour	LC50 mg/l	Vapour pressure: to low	4h max.5mg/l	
5989-27-5	Fragrance Limonene				
	oral	LD50 mg/kg > 2000	Rat		
	dermal	LD50 mg/kg > 2000	Rabbit	IUCLID	

Irritation and corrosivity

Serious eye damage/eye irritation: Causes serious eye damage.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Repeated exposure may cause skin dryness or cracking.

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

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

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

STOT-single exposure

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

May be fatal if swallowed and enters airways.

Additional information on tests

Has de-greasing effect on the skin. Apply skin care products after work

11.2 Information on other hazards

Has de-greasing effect on the skin. After cleaning apply high-fat content skin care cream

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.

Safety Data Sheet

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.

SECTION 15: Regulatory information

Not required by OSHA HCS.

SECTION 16: Other information

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