

Pecard Silicone Liquid

Safety Data Sheet

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

1.1. Product identifier

Product name: PSL4 : Pecard Silicone Liquid

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

Use of the substance/mixture :Protectant; Weatherproofing

1.3. Details of the supplier of the safety data sheet

Pecard Leather Care Co., Inc.
1836 Industrial Drive
Green Bay, WI 54302
T 920-468-5056

1.4. Emergency telephone number

Emergency number : 800-467-5056

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (GHS-US)

Flam. Liq. 4 H227
Muta. 1B H340
Carc. 1B H350
STOT RE 1 H372

Full text of H-phrases: see section 16

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US) :



GHS08

Signal word (GHS-US) :

Danger

Hazard statements (GHS-US) :

H227 - Combustible liquid
H340 - May cause genetic defects
H350 - May cause cancer
H372 - Causes damage to organs through prolonged or repeated exposure

Precautionary statements (GHS-US) :

P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking
P260 - Do not breathe dust/fume/gas/mist/vapors/spray
P264 - Wash thoroughly after handling
P270 - Do not eat, drink or smoke when using this product
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P308 + P313 - If exposed or concerned: Get medical advice/attention
P314 - Get medical advice/attention if you feel unwell
P370+P378 - In case of fire: Use foam, dry chemical, carbon dioxide to extinguish
P403+P235 - Store in a well-ventilated place. Keep cool
P405 - Store locked up
P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

Not applicable

Pecard Silicone Liquid

Safety Data Sheet

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification (GHS-US)
Petroleum distillates, hydrotreated light	(CAS No) 64742-47-8	< 50	Asp. Tox. 1, H304
Stoddard solvent	(CAS No) 8052-41-3	< 50	Muta. 1B, H340 Carc. 1B, H350 STOT RE 1, H372 Asp. Tox. 1, H304
1-Hexanol, 2-ethyl-, titanium(4+) salt	(CAS No) 1070-10-6	3 - 8	Not classified
Polytrimethylhydrosilyl silicone	(CAS No) 68988-56-7	3 - 8	Not classified
Xylenes (o-, m-, p- isomers)	(CAS No) 1330-20-7	1.4 - 2.6	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315
Ethylbenzene	(CAS No) 100-41-4	0.2 - 1	Flam. Liq. 2, H225 Carc. 2, H351
Trisiloxane, 1,1,1,5,5,5-hexamethyl-3,3-bis(trimethylsilyloxy)-	(CAS No) 3555-47-3	0.2 - 1	Not classified
Titanium, tris(2-ethyl-1-hexanolato)(2-propanolato)-, (T-4)-	(CAS No) 106193-76-4	<= 0.2	Not classified

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
- First-aid measures after skin contact : Gently wash with plenty of soap and water. Wash contaminated clothing before reuse.
- First-aid measures after eye contact : Flush with plenty of water for at least 15 minutes. Seek medical advice if irritation develops or persists.
- First-aid measures after ingestion : Immediately call a POISON CENTER or doctor/physician.

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

- Symptoms/injuries after inhalation : Excessive inhalation of vapors can cause nasal and respiratory irritation and central nervous system effects including dizziness, weakness, fatigue, nausea, headache and possible unconsciousness.
- Symptoms/injuries after skin contact : Exposure causes skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying and cracking, skin burns and skin damage. Pre-existing skin disorders may be aggravated by exposure to this material. No harmful effects from skin absorption have been recorded.
- Symptoms/injuries after eye contact : Exposure to liquid, vapor or mists may cause eye irritation. Symptoms may include stinging, watering, and redness.
- Symptoms/injuries after ingestion : May cause gastrointestinal irritation if swallowed.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Dry chemical, alcohol foam or carbon dioxide.
- Unsuitable extinguishing media : None.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Combustible liquid. This material may be ignited by heat, sparks, flame or other sources of ignition (e.g. static, electricity, pilot lights, mechanical/electrical equipment).
- Explosion hazard : Vapors may travel considerable distances to a source of ignition where they may ignite, flashback or explode. Vapor/air hazard, indoors/outdoors, or in sewers. Vapors are heavier than air and may accumulate in low areas. If container is not properly cooled it may explode in heat of fire.

Pecard Silicone Liquid

Safety Data Sheet

5.3. Advice for firefighters

Protection during firefighting : Wear appropriate protective equipment including respiratory protection as conditions warrant. Stop spill/release if it can be done without risk. Move undamaged containers from fire area if it can be done without risk. Water spray may be useful in minimizing or dispersing vapors and cooling equipment exposed to heat and flame. Avoid spreading burning liquid with water used for cooling purposes.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Stop the flow of material, if this is without risk. Isolate area. Keep unnecessary personnel away.

Methods for cleaning up : Collect spilled material and place in sealed containers for reclamation or disposal. Dispose of waste in accordance with local, state and federal regulations.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Do not use near heat, fire, flame or sparks. Avoid excessive breathing of vapor.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a cool, well ventilated place away from incompatible materials. Keep containers tightly closed.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Petroleum distillates, hydrotreated light (64742-47-8)

ACGIH	Not applicable	
OSHA	Not applicable	

Stoddard solvent (8052-41-3)

ACGIH	ACGIH TWA (ppm)	100 ppm
OSHA	OSHA PEL (TWA) (mg/m ³)	2900 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	500 ppm

1-Hexanol, 2-ethyl-, titanium(4+) salt (1070-10-6)

ACGIH	Not applicable	
OSHA	Not applicable	

Polytrimethylhydrosilysilicone (68988-56-7)

ACGIH	Not applicable	
OSHA	Not applicable	

Ethylbenzene (100-41-4)

ACGIH	ACGIH TWA (ppm)	20 ppm
OSHA	OSHA PEL (TWA) (mg/m ³)	435 mg/m ³

Pecard Silicone Liquid

Safety Data Sheet

Ethylbenzene (100-41-4)		
OSHA	OSHA PEL (TWA) (ppm)	100 ppm
Xylenes (o-, m-, p- isomers) (1330-20-7)		
ACGIH	ACGIH TWA (ppm)	100 ppm
ACGIH	ACGIH STEL (ppm)	150 ppm
OSHA	OSHA PEL (TWA) (mg/m ³)	435 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	100 ppm
Titanium, tris(2-ethyl-1-hexanolato)(2-propanolato)-, (T-4)- (106193-76-4)		
ACGIH	Not applicable	
OSHA	Not applicable	
Trisiloxane, 1,1,1,5,5,5-hexamethyl-3,3-bis[(trimethylsilyl)oxy]- (3555-47-3)		
ACGIH	Not applicable	
OSHA	Not applicable	

8.2. Exposure controls

Appropriate engineering controls	: Local exhaust and general ventilation must be adequate to meet exposure standards.
Hand protection	: None required under normal product handling conditions. Solvent resistant rubber type recommended if prolonged exposure is expected.
Eye protection	: Chemical goggles or safety glasses.
Skin and body protection	: Wear suitable working clothes.
Respiratory protection	: If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Watery
Color	: Clear
Odor	: Solvent
Odor threshold	: No data available
pH	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: 152.8 - 207.2 °C (307-405 °F)
Flash point	: 63.3 °C (146 °F)
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: >1
Specific gravity	: <1
Solubility	: Insoluble.
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosive limits	: 1 - 7 vol %

Pecard Silicone Liquid

Safety Data Sheet

9.2. Other information

VOC content : 100 %

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

Will not occur.

10.4. Conditions to avoid

Contact with open flame, sparks, or heat can cause thermal decomposition

10.5. Incompatible materials

None.

10.6. Hazardous decomposition products

Thermal decomposition in the presence of air may yield carbon monoxide and/or carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Petroleum distillates, hydrotreated light (64742-47-8)

LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 5.2 mg/l/4h

Ethylbenzene (100-41-4)

LD50 oral rat	3500 mg/kg
LD50 dermal rabbit	15400 mg/kg
LC50 inhalation rat (mg/l)	17.2 mg/l/4h
ATE US (oral)	3500.000 mg/kg
ATE US (dermal)	15354.000 mg/kg

Xylenes (o-, m-, p- isomers) (1330-20-7)

LD50 oral rat	3500 mg/kg
LD50 dermal rabbit	> 4350 mg/kg
LC50 inhalation rat (mg/l)	29.08 mg/l/4h
ATE US (oral)	4300.000 mg/kg
ATE US (dermal)	1100.000 mg/kg

Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Not classified
Respiratory or skin sensitization : Not classified
Germ cell mutagenicity : May cause genetic defects.
Carcinogenicity : May cause cancer.

Ethylbenzene (100-41-4)

IARC group	2B - Possibly carcinogenic to humans
National Toxicology Program (NTP) Status	1 - Evidence of Carcinogenicity

Xylenes (o-, m-, p- isomers) (1330-20-7)

IARC group	3 - Not classifiable
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Reproductive toxicity : Not classified
Specific target organ toxicity (single exposure) : Not classified

Pecard Silicone Liquid

Safety Data Sheet

Specific target organ toxicity (repeated exposure) : Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Petroleum distillates, hydrotreated light (64742-47-8)

LC50 fish 1	45 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
LC50 fish 2	2.2 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])

Ethylbenzene (100-41-4)

LC50 fish 1	11.0 - 18.0 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 Daphnia 1	1.8 - 2.4 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 fish 2	4.2 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static])

Xylenes (o-, m-, p- isomers) (1330-20-7)

LC50 fish 1	13.4 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	3.82 mg/l (Exposure time: 48 h - Species: water flea)
LC50 fish 2	2.661 - 4.093 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 Daphnia 2	0.6 mg/l (Exposure time: 48 h - Species: Gammarus lacustris)

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

Petroleum distillates, hydrotreated light (64742-47-8)

BCF fish 1	61 - 159
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Ethylbenzene (100-41-4)

BCF fish 1	15
Log Pow	3.118

Xylenes (o-, m-, p- isomers) (1330-20-7)

BCF fish 1	0.6 - 15
Log Pow	2.77 - 3.15

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on ozone layer : No additional information available

Effect on the global warming : No known ecological damage caused by this product.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 14: Transport information

In accordance with DOT

Not a dangerous good as defined in transport regulations

SECTION 15: Regulatory information

15.1. US Federal regulations

Petroleum distillates, hydrotreated light (64742-47-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Stoddard solvent (8052-41-3)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Pecard Silicone Liquid

Safety Data Sheet

1-Hexanol, 2-ethyl-, titanium(4+) salt (1070-10-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Polytrimethylhydrosilysilicone (68988-56-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Ethylbenzene (100-41-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Listed on SARA Section 313 (Specific toxic chemical listings)

SARA Section 313 - Emission Reporting 0.1 %

Xylenes (o-, m-, p- isomers) (1330-20-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Listed on SARA Section 313 (Specific toxic chemical listings)

SARA Section 313 - Emission Reporting 1.0 %

Trisiloxane, 1,1,1,5,5,5-hexamethyl-3,3-bis[(trimethylsilyl)oxy]- (3555-47-3)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. US State regulations

Ethylbenzene (100-41-4)

U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significance risk level (NSRL)
Yes	No	No	No	54 µg/day

Stoddard solvent (8052-41-3)

U.S. - Massachusetts - Right To Know List
 U.S. - Minnesota - Hazardous Substance List
 U.S. - New Jersey - Right to Know Hazardous Substance List
 U.S. - Pennsylvania - RTK (Right to Know) List

Ethylbenzene (100-41-4)

U.S. - Massachusetts - Right To Know List
 U.S. - Minnesota - Hazardous Substance List
 U.S. - New Jersey - Right to Know Hazardous Substance List
 U.S. - Pennsylvania - RTK (Right to Know) List

Xylenes (o-, m-, p- isomers) (1330-20-7)

U.S. - Massachusetts - Right To Know List
 U.S. - Minnesota - Hazardous Substance List
 U.S. - New Jersey - Right to Know Hazardous Substance List
 U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16: Other information

Full text of H-phrases::

Acute Tox. 4 (Dermal)	Acute toxicity (dermal) Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhalation) Category 4
Carc. 2	Carcinogenicity Category 2
Flam. Liq. 2	Flammable liquids Category 2
Flam. Liq. 3	Flammable liquids Category 3
Flam. Liq. 4	Flammable liquids Category 4
Muta. 1B	Germ cell mutagenicity Category 1B
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT RE 1	Specific target organ toxicity (repeated exposure) Category 1
H225	Highly flammable liquid and vapor
H226	Flammable liquid and vapor
H227	Combustible liquid
H312	Harmful in contact with skin
H315	Causes skin irritation
H332	Harmful if inhaled

Pecard Silicone Liquid

Safety Data Sheet

H340	May cause genetic defects
H351	Suspected of causing cancer
H372	Causes damage to organs through prolonged or repeated exposure

The data in this Safety Data Sheet relates only to the specific material designed and does not relate to its use in combination with any other material or process. The data contained is believed to be correct. However, since conditions of use are outside our control, it should not be taken as a warranty or representation for which Pecard Leather Care Co Inc assumes legal responsibility. This information is provided solely for your consideration, investigation, and verification.