



## SAFETY DATA SHEET

### Silver seal paint protector

According to Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice, December 2011

#### SECTION 1: Identification: Product identifier and chemical identity

##### Product identifier

**Product name** Silver seal paint protector

**Product No.** 383-20

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

**Application** Car maintenance product. - Polish. Sealant.

**Uses advised against** For professional use only. This product is not recommended for any industrial, professional or consumer use other than the Identified uses above.

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

**Supplier** Autosmart Australia  
11 Darrambal Close  
Rathmines  
NSW 2283  
Australia  
[www.autosmartaustralia.com.au](http://www.autosmartaustralia.com.au)  
Tel: 02 49 75 14 88 (Mon to Fri, 08:00 - 16:00 AEST) (General Information. Transport Information. Mild Medical Information)  
[autosmart@autosmartaustralia.com.au](mailto:autosmart@autosmartaustralia.com.au)

**Contact Person** Mr. Russell Butler

**Manufacturer** Autosmart International Ltd..  
Lynn Lane  
Shenstone, nr Lichfield  
Staffordshire WS14 0DH  
Great Britain  
[www.autosmartinternational.com](http://www.autosmartinternational.com)  
Tel: +44 (0) 1543 481616 (09:00 - 17:00)  
Fax: +44 (0) 1543 481549 (09:00 - 17:00)  
[info@autosmartinternational.com](mailto:info@autosmartinternational.com)

##### Emergency telephone number

**Emergency telephone** Emergency No: +44 7808 971321 (24hrs) (Autosmart International, UK)  
General Information. Transport Information. Mild medical Information:-  
Tel: 02 49 75 14 88 (Mon to Fri, 08:00 - 16:00 AEST)

**National emergency telephone number** Poison Information Hotline: 13 11 26

#### SECTION 2: Hazard(s) identification

##### Classification of the substance or mixture

**Physical hazards** Flam. Liq. 3 - H226

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<b>Health hazards</b>	STOT SE 3 - H336
<b>Environmental hazards</b>	Not Classified
<b>Human health</b>	Prolonged or repeated contact with skin may cause redness, itching, irritation and eczema/chapping.
<b>Environmental</b>	The product is not expected to be hazardous to the environment.

### Label elements

#### Pictogram



<b>Signal word</b>	Warning
<b>Hazard statements</b>	H226 Flammable liquid and vapour. H336 May cause drowsiness or dizziness.
<b>Precautionary statements</b>	P210 Keep away from heat/ sparks/ open flames/ hot surfaces. - No smoking. P261 Avoid breathing vapour/ spray. P280 Wear protective gloves. P303+P361+P353 IF ON SKIN (or hair): 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. P403+P233 Store in a well-ventilated place. Keep container tightly closed.
<b>Supplemental label information</b>	EUH066 Repeated exposure may cause skin dryness or cracking.
<b>Contains</b>	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

#### Other hazards

This product does not contain any substances classified as PBT or vPvB.

### SECTION 3: Composition and information on ingredients

#### Mixtures

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	60-100%
CAS number: 64742-48-9	
<b>Classification</b>	
Flam. Liq. 3 - H226	
STOT SE 3 - H336	
Asp. Tox. 1 - H304	

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<b>STODDARD SOLVENT; LOW BOILING POINT NAPHTHA - UNSPECIFIED</b> <span style="float: right;"><b>2&lt;3%</b></span>
CAS number: 8052-41-3
<b>Classification</b> Flam. Liq. 2 - H225 Asp. Tox. 1 - H304
<b>Dimethyl Siloxane, ho term rxn methyltrimethoxysilane &amp; amionethylaninopropyltrimethoxysilane</b> <span style="float: right;"><b>1&lt;2%</b></span>
CAS number: 69430-37-1
<b>Classification</b> Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 Eye Irrit. 2A - H319
<b>PROPAN-2-OL</b> <span style="float: right;"><b>0.7&lt;1.0%</b></span>
CAS number: 67-63-0 Substance with a Community workplace exposure limit.
<b>Classification</b> Flam. Liq. 2 - H225 Eye Irrit. 2A - H319 STOT SE 3 - H336

The full text for all hazard statements is displayed in Section 16.

### SECTION 4: First aid measures

#### Description of first aid measures

<b>Inhalation</b>	Move affected person to fresh air at once. For breathing difficulties, oxygen may be necessary. If breathing stops, provide artificial respiration. Keep affected person warm and at rest. Get medical attention immediately.
<b>Ingestion</b>	Do not induce vomiting. Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention immediately. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs.
<b>Skin Contact</b>	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing.
<b>Eye contact</b>	Remove affected person from source of contamination. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

#### Most important symptoms and effects, both acute and delayed

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	Vapours may cause headache, fatigue, dizziness and nausea.

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<b>Ingestion</b>	Fumes from the stomach contents may be inhaled, resulting in the same symptoms as inhalation. May cause stomach pain or vomiting. Diarrhoea. Dizziness. Headache.
<b>Skin contact</b>	Prolonged contact may cause redness, irritation and dry skin.
<b>Eye contact</b>	Irritation of eyes and mucous membranes. Prolonged contact may cause redness and/or tearing.

### Indication of any immediate medical attention and special treatment needed

<b>Notes for the doctor</b>	No specific recommendations. If in doubt, get medical attention promptly.
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### **SECTION 5: Firefighting measures**

#### Extinguishing media

<b>Suitable extinguishing media</b>	Extinguish with the following media: Foam, carbon dioxide or dry powder.
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#### Special hazards arising from the substance or mixture

<b>Specific hazards</b>	Fire creates: Oxides of the following substances: Carbon. The product is flammable.
<b>Hazardous combustion products</b>	Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

#### Advice for firefighters

<b>Protective actions during firefighting</b>	Cool containers exposed to flames with water until well after the fire is out.
<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
<b>Hazchem Code</b>	•3Y

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

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

<b>Personal precautions</b>	For personal protection, see Section 8.
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#### Environmental precautions

<b>Environmental precautions</b>	Do not discharge into drains or watercourses or onto the ground. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.
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#### Methods and material for containment and cleaning up

<b>Methods for cleaning up</b>	Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Absorb in vermiculite, dry sand or earth and place into containers. Avoid the spillage or runoff entering drains, sewers or watercourses. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate.
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#### Reference to other sections

<b>Reference to other sections</b>	For personal protection, see Section 8. Collect and dispose of spillage as indicated in Section 13.
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### **SECTION 7: Handling and storage, including how the chemical may be safely used**

#### Precautions for safe handling

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**Usage precautions** Avoid spilling. Avoid contact with skin and eyes. Keep away from heat, sparks and open flame. Provide adequate ventilation. Avoid inhalation of vapours. Use approved respirator if air contamination is above an acceptable level. During application and drying, solvent vapours will be emitted.

### Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep only in the original container.

**Storage class** Flammable liquid storage.

### Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure controls and personal protection

### Control parameters

#### Occupational exposure limits

#### **STODDARD SOLVENT; LOW BOILING POINT NAPHTHA - UNSPECIFIED**

Long-term exposure limit (8-hour TWA): NOHSC 790 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): NOHSC

#### **PROPAN-2-OL**

Long-term exposure limit (8-hour TWA): 400 ppm 983 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): 500 ppm 1230 mg/m<sup>3</sup>

NOHSC = The National Occupational Health and Safety Commission.

### Thixcin R

**Ingredient comments** No exposure limits known for ingredient(s).

#### Dimethyl Siloxane, ho term rxn methyltrimethoxysilane & amionethylaninopropyltrimethoxysilane (CAS: 69430-37-1)

**Ingredient comments** No exposure limits known for ingredient(s).

### Exposure controls

#### Protective equipment



#### **Appropriate engineering controls**

No specific ventilation requirements. This product must not be handled in a confined space without adequate ventilation.

#### **Eye/face protection**

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.

#### **Hand protection**

Wear protective gloves made of the following material: Polyvinyl alcohol (PVA). Viton rubber (fluoro rubber). Nitrile rubber. It should be noted that liquid may penetrate the gloves. Frequent changes are recommended. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. Use thin cotton gloves inside the rubber gloves if allergy risk.

#### **Other skin and body protection**

Provide eyewash station.

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<b>Hygiene measures</b>	Provide eyewash station. Do not smoke in work area. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap and water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.
<b>Respiratory protection</b>	If ventilation is inadequate, suitable respiratory protection must be worn. Wear a respirator fitted with the following cartridge: Organic vapour filter.

### SECTION 9: Physical and chemical properties

#### Information on basic physical and chemical properties

<b>Appearance</b>	Viscous liquid.
<b>Colour</b>	Milky.
<b>Odour</b>	Characteristic.
<b>Odour threshold</b>	Not available.
<b>pH</b>	Not applicable.
<b>Melting point</b>	~ -15°C
<b>Initial boiling point and range</b>	~ 150-200 @°C @ 760 mm Hg
<b>Flash point</b>	40°C CC (Closed cup).
<b>Evaporation rate</b>	~ 80 (diethyl ether = 1)
<b>Flammability Limit - Lower(%)</b>	: 0.6
<b>Vapour pressure</b>	~ 300 kPa @ °C
<b>Vapour density</b>	Not available.
<b>Relative density</b>	~ 0.750 @ (20°C)°C
<b>Solubility Value (g/100g H<sub>2</sub>O 20°C)</b>	Soluble in the following materials: Hydrocarbons.
<b>Partition coefficient</b>	: 5-6.7
<b>Auto-ignition temperature</b>	~250°C
<b>Decomposition Temperature</b>	Not available.
<b>Viscosity</b>	Not determined.
<b>Oxidising properties</b>	Does not meet the criteria for classification as oxidising.
<b>Comments</b>	Information declared as "Not available" or "Not applicable" is not considered to be relevant to the implementation of the proper control measures.
<b>Volatile organic compound</b>	This product contains a maximum VOC content of 670 g/litre.

### SECTION 10: Stability and reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
<b>Stability</b>	Stable at normal ambient temperatures.
<b>Possibility of hazardous reactions</b>	Not applicable. Will not polymerise.

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<b>Conditions to avoid</b>	Avoid heat, flames and other sources of ignition.
<b>Materials to avoid</b>	Strong alkalis. Strong acids. Strong oxidising agents.
<b>Hazardous decomposition products</b>	Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ).

### SECTION 11: Toxicological information

#### Information on toxicological effects

##### Aspiration hazard

**Aspiration hazard** Kinematic viscosity > 20.5 mm<sup>2</sup>/s.

##### **General information**

Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

##### **Inhalation**

Vapours may cause headache, fatigue, dizziness and nausea. Prolonged inhalation of high concentrations may damage respiratory system.

##### **Ingestion**

Harmful if swallowed. May cause stomach pain or vomiting. Diarrhoea. Headache.

##### **Skin Contact**

May cause defatting of the skin but is not an irritant.

##### **Eye contact**

Vapour or spray in the eyes may cause irritation and smarting.

##### **Acute and chronic health hazards**

The product irritates mucous membranes and may cause abdominal discomfort if swallowed.

##### **Route of entry**

Inhalation Ingestion. Skin and/or eye contact

#### Toxicological information on ingredients.

##### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

**Other health effects** There is no evidence that the product can cause cancer.

##### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 5,000.0

**Species** Rat

##### Acute toxicity - dermal

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 5,000.0

**Species** Rabbit

##### Dimethyl Siloxane, ho term rxn methyltrimethoxysilane & amionethylaninopropyltrimethoxysilane

**Other health effects** There is no evidence that the product can cause cancer.

##### PROPAN-2-OL

**Other health effects** There is no evidence that the product can cause cancer.

##### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 5,840.0

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<b>Species</b>	Rat
<b><u>Acute toxicity - dermal</u></b>	
<b>Acute toxicity dermal (LD<sub>50</sub> mg/kg)</b>	16.4
<b>Species</b>	Rabbit
<b><u>Respiratory sensitisation</u></b>	
<b>Respiratory sensitisation</b>	Not sensitising.
<b><u>Skin sensitisation</u></b>	
<b>Skin sensitisation</b>	Not sensitising.
<b><u>Carcinogenicity</u></b>	
<b>IARC carcinogenicity</b>	IARC Group 3 Not classifiable as to its carcinogenicity to humans.
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<b>Inhalation</b>	Drowsiness, dizziness, disorientation, vertigo.
<b>Ingestion</b>	No specific health hazards known.
<b>Skin Contact</b>	No specific health hazards known.
<b>Eye contact</b>	Irritating to eyes.

### SECTION 12: Ecological Information

**Ecotoxicity** The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

#### Ecological information on ingredients.

##### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

**Ecotoxicity** The product is not expected to be toxic to aquatic organisms.

##### PROPAN-2-OL

**Ecotoxicity** The product is not expected to be hazardous to the environment.

**Acute toxicity - fish** Not determined.

**Acute toxicity - aquatic invertebrates** Not determined.

**Acute toxicity - aquatic plants** Not determined.

**Acute toxicity - microorganisms** Not determined.

**Acute toxicity - terrestrial** Not determined.

#### Ecological information on ingredients.

##### PROPAN-2-OL

**Acute toxicity - fish** LC50, 96 hours: ~ 9640 mg/l, Pimephales promelas (Fat-head Minnow)



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**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, >: > 1000 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** EC<sub>50</sub>, 72 hours: > 1000 mg/l, Scenedesmus subspicatus

**Acute toxicity - microorganisms** EC<sub>50</sub>, >: > 1000 mg/l, Activated sludge

### Persistence and degradability

**Persistence and degradability** Volatile substances are degraded in the atmosphere within a few days.

### Ecological information on ingredients.

#### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

**Persistence and degradability** Volatile substances are degraded in the atmosphere within a few days.

#### Dimethyl Siloxane, ho term rxn methyltrimethoxysilane & amionethylaninopropyltrimethoxysilane

**Persistence and degradability** The product is biodegradable.

#### PROPAN-2-OL

**Persistence and degradability** The product is expected to be biodegradable.

**Biodegradation** Degradation (%)  
- 95: 21 days

**Biological oxygen demand** ~ 1171 g O<sub>2</sub>/g substance

**Chemical oxygen demand** ~ 2294 g O<sub>2</sub>/g substance

### Bioaccumulative potential

**Bioaccumulative Potential** The product contains potentially bioaccumulating substances.

**Partition coefficient** : 5-6.7

### Ecological information on ingredients.

#### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

**Bioaccumulative Potential** The product does not contain any substances expected to be bioaccumulating.

#### Dimethyl Siloxane, ho term rxn methyltrimethoxysilane & amionethylaninopropyltrimethoxysilane

**Bioaccumulative Potential** The product does not contain any substances expected to be bioaccumulating.

#### PROPAN-2-OL

**Bioaccumulative Potential** The product is not bioaccumulating.

**Partition coefficient** log Pow: 0.05

### Mobility in soil

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**Mobility** The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

### Ecological information on ingredients.

#### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

**Mobility** The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

#### Dimethyl Siloxane, ho term rxn methyltrimethoxysilane & amionethylaninopropyltrimethoxysilane

**Mobility** The product is insoluble in water.

#### PROPAN-2-OL

**Mobility** The product is soluble in water.

**Adsorption/desorption coefficient** Water - Koc: ~ 1.1 @ °C

**Henry's law constant** 0.00000338 atm m<sup>3</sup>/mol @ 25°C

### Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### Ecological information on ingredients.

#### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

#### PROPAN-2-OL

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

### Other adverse effects

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### Waste treatment methods

**General information** The packaging must be empty (drop-free when inverted). Materials such as cleaning rags and paper wipes that are contaminated with flammable liquids may self-ignite after use and should be stored in designated fireproof containers with tight-fitting, self-closing lids.

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Avoid the spillage or runoff entering drains, sewers or watercourses.

## SECTION 14: Transport information

### UN number

**UN No. (ADG)** 1993

**UN No. (IMDG)** 1993

## Silver seal paint protector

UN No. (ICAO) 1993

### UN proper shipping name

Proper shipping name (ADG) FLAMMABLE LIQUID, N.O.S. (White Spirit)

Proper shipping name (IMDG) FLAMMABLE LIQUID, N.O.S. (White Spirit)

### Transport hazard class(es)

ADG class 3

ADG label 3

IMDG class 3

ICAO class/division 3

### Transport labels



### Packing group

ADG packing group III

IMDG packing group III

ICAO packing group III

### Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

### Special precautions for user

EmS F-E, S-E

Hazchem Code •3Y

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

## SECTION 15: Regulatory information

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

## SECTION 16: Any other relevant information

**General information** This product has been manufactured under ISO 9001 and ISO 14001 Quality and Environmental Management Systems. Only trained personnel should use this material.

**Revision comments** NOTE: Lines within the margin indicate significant changes from the previous revision.

**Issued by** Prepared by Autosmart International Ltd, Lynn Lane, Shenstone, Lichfield, Staffordshire, WS14 0DH, Great Britain.  
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**Revision date** 24/09/2015

## Silver seal paint protector

<b>Revision</b>	10
<b>Supersedes date</b>	2/06/2015
<b>SDS status</b>	Approved.
<b>Hazard statements in full</b>	H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.