



## Section 1. Product and Company Identification.

**1.1 Model Number;** SCS024 v1  
**1.2 Description;** VHT Paint Black 500ml Pack of 6

**1.3 Manufacturer;**

Sealey Group.  
 Kempson Way,  
 Bury St. Edmunds,  
 Suffolk.  
 IP32 7AR

**1.4 Emergency telephone number;** 44 (0) 1284 757 500 (Office Hours)

**Date of source compilation;** 27 March 2015

## Section 2. Hazards Identification.

**2.1 Classification of the substance or mixture.**

Classification (EC 1272/2008)

Physical and Chemical Hazards	Flam. Aerosol 1 - H222
Human health	EUH066; STOT SE 3 - H336
Environment	Not classified.

Classification (1999/45/EEC) F+; R12. R66, R67.

**Risk phrases;**

- R12 Extremely flammable.
- R10 Flammable.
- R20/21 Harmful by inhalation and in contact with skin.
- R20 Harmful by inhalation.
- R11 Highly flammable
- R36 Irritating to eyes.
- R37/38 Irritating to respiratory system and skin.
- R38 Irritating to skin.
- R66 Repeated exposure may cause skin dryness or cracking.
- R41 Risk of serious damage to eyes.
- R67 Vapours may cause drowsiness and dizziness.

**2.2 Label elements.**

**Hazard pictogram(s)**



**Signal Word.** Danger



**Section 2. Hazards Identification, continued.**

**Hazard statements;**

- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H315 Causes skin irritation.
- H222 Extremely flammable aerosol.
- H220 Extremely flammable gas.
- H226 Flammable liquid and vapour.
- H332 Harmful if inhaled.
- H312 Harmful in contact with skin.
- H225 Highly flammable liquid and vapour.
- H304 May be fatal if swallowed and enters airways.
- H336 May cause drowsiness or dizziness.
- H335 May cause respiratory irritation.
- EUH066 Repeated exposure may cause skin dryness or cracking.

**Precautionary statements;**

- P102 Keep out of reach of children.
- P271 Use only outdoors or in a well-ventilated area.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P261 Avoid breathing vapour/spray.
- P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337+313 If eye irritation persists: Get medical advice/attention.
- P501 Dispose of contents/container in accordance with local regulations.

**Supplementary Precautionary Statements**

- P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
- P211 Do not spray on an open flame or other ignition source.
- P251 Pressurized container: Do not pierce or burn, even after use.
- P264 Wash contaminated skin thoroughly after handling.
- P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P312 Call a POISON CENTER or doctor/physician if you feel unwell.
- P403+233 Store in a well-ventilated place. Keep container tightly closed.
- P405 Store locked up.
- P410+412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

**Supplemental label information**

- EUH066 Repeated exposure may cause skin dryness or cracking.
- Contains:
  - SOL007 Xylene
  - SOL024 Acetone

**2.3 Other hazards.**

No information available.



### Section 3. Substances.

3.1 Chemical Name (substance)	3.1 CAS No.	3.2 Concentration Volume	Classification	
			Hazard Class & Category Code	Hazard Statements
Acetone	67-64-1	30 - 60%	Flam. Liq. 1 Eye Irrit. 2 STOT SE 3	H225 H319 H336
Propane	74-98-6	10 - 30%	Flam. Gas 1 Press. Gas	H220
Xylene	1330-20-7	10 - 30%	Flam. Gas 1 Press. Gas	H220
Butane	106-97-8	5 - 10%	Flam. Gas 1 Press. Gas	H220
Isobutane	75-28-5	1 - 5%	Flam. Gas 1 Press. Gas	H220
Ethylbenzene	100-41-4	< 1%	Flam. Liq. 2 Acute Tox. 4	H225 H332
Iso-Butanol	78-83-1	< 1%	Flam. Liq. 3 STOT SE 3 Skin Irrit. 2 Eye Dam. 1 STOT SE 3	H226 H335 H315 H318 H336

For full text of Phrases and Statements, see Section 16.



## Section 4. First Aid Measures.

### General information

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

#### 4.1 Description of first aid measures

##### **Eye Contact**

Make sure to remove any contact lenses from the eyes before rinsing.

Promptly wash eyes with plenty of water while lifting the eye lids.

Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

##### **Skin Contact**

Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

##### **Ingestion**

DO NOT INDUCE VOMITING! Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Get medical attention if any discomfort continues.

##### **Inhalation**

Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Keep the affected person warm and at rest. Get prompt medical attention.

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

##### **General information**

The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

##### **Eye contact**

Irritating and may cause redness and pain.

##### **Skin contact**

Prolonged skin contact may cause redness and irritation.

##### **Ingestion**

Due to the physical nature of this material it is unlikely that swallowing will occur.

##### **Inhalation**

In high concentrations, vapours are anaesthetic and may cause headache, fatigue, dizziness and central nervous system effects.

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

No specific first aid measures noted.



## Section 5. Fire Fighting Measures.

### 5.1. Extinguishing media

Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

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

Hazardous combustion products

When heated, vapours/gases hazardous to health may be formed.

Unusual Fire & Explosion Hazards

Aerosol cans may explode in a fire.

Specific hazards

Aerosol containers can explode when heated, due to excessive pressure build-up.

### 5.3. Advice for fire-fighters

Containers close to fire should be removed or cooled with water.

Use water to keep fire exposed containers cool and disperse vapours.

Protective equipment for fire-fighters

Wear full protective clothing.

## Section 6. Accidental Release Measures.

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

Follow precautions for safe handling described in this safety data sheet.

Wear protective gloves.

Do not smoke, use open fire or other sources of ignition.

Avoid inhalation of vapours and aerosol spray.

Avoid contact with skin and eyes.

### 6.2. Environmental precautions

Not relevant considering the small amounts used.

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

Wear necessary protective equipment. Extinguish all ignition sources.

Avoid sparks, flames, heat and smoking.

Ventilate.

Let evaporate.

Keep out of confined spaces because of explosion risk.

If leakage cannot be stopped, evacuate area.

### 6.4. Reference to other sections

See Section 7 for information on Safe Handling

See Section 8 for information of Personal Protective Equipment.

See Section 13 for information on disposal.



## Section 7. Handling and Storage.

### 7.1. Precautions for safe handling

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact.

Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

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

Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.

Store in a cool and well-ventilated place.

Store in accordance with the advice of insurers and/or relevant authority.

Storage Class

Store in a dry, well ventilated, moisture free area.

### 7.3. Specific end use(s)

Decorative paint coating for a range of substrates

Usage Description

Aerosolised paint spray

Intended for use as VHT Paint Black, Model Number identified in 1.1 with Description stated in 1.2.

## Section 8. Exposure Controls/Personal Protection.

### 8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min	
Acetone				500 ppm	1210 mg/m <sup>3</sup>
Butane	WEL	600 ppm	1450 mg/m <sup>3</sup>	750 ppm	1810 mg/m <sup>3</sup>
Ethylbenzene	WEL	100 ppm (Sk)	441 mg/m <sup>3</sup>	125 ppm (Sk)	552 mg/m <sup>3</sup>
Isobutane	WEL	800 ppm		800 ppm	
Iso-Butanol	WEL	50 ppm	154 mg/m <sup>3</sup>	75 ppm	231 mg/m <sup>3</sup>
Propane		Asphyxiating	Asphyxiating	Asphyxiating	Asphyxiating
Xylene	WEL	50 ppm (Sk)	220 mg/m <sup>3</sup>	100 ppm (Sk)	441 mg/m <sup>3</sup>

### 8.2. Exposure controls

#### Protective equipment



#### Eye Protection

Wear approved chemical safety goggles where eye exposure is reasonably probable.

#### Skin Protection

Use protective gloves.

#### Respiratory Protection

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit. Use chemical cartridge protection with appropriate cartridge.

#### Ventilation

Provide adequate general and local exhaust ventilation.

#### Other Protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

#### Hygiene measures

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. When using do not eat, drink or smoke.



## Section 9. Physical and Chemical Properties.

### 9.1. Information on basic physical and chemical properties

The following information is not a technical specification or sales specification.

- |  |  |
|--|--|
| (a) Appearance:                              | Aerosol.   |
| (b) Odour:                                   | Ketonic. Characteristic of a solvent based paint product   |
| (c) Odour threshold;                         | No information available.  |
| (d) pH:                                      | No information available.  |
| (e) Melting point/freezing point;            | Scientifically unjustified.  |
|  | The resin binder in the paint film begins to soften at temperatures in excess of 80 degrees Celsius. |
| (f) Initial boiling point and boiling range; | Technically not feasible.  |
|  | The boiling point material is minus 40 degrees Celsius (-40).  |
|  | This is the boiling point of the propellant (LPG - Liquefied Petroleum Gas).                         |
| (g) Flash point;                             | Technically not feasible.  |
|  | The flash point of the lowest flash point material is minus 104 degrees Celsius (-104).              |
|  | This is the flash point of the propellant (LPG - Liquefied Petroleum Gas).                           |
| (h) Evaporation rate;                        | No information available.  |
| (i) Flammability (solid, gas);               | No information available.  |
| (j) Upper/lower flammability;                | Lower; 0.8% Upper; 13.0%   |
| (k) Vapour pressure;                         | Not determined.  |
|  | Propellant vapour pressure 590 - 1760 KPa.   |
| (l) Vapour density;                          | No information available.  |
| (m) Relative density;                        | Not relevant to this product.  |
| (n) Solubility (ies);                        | Insoluble in water.  |
| (o) Partition coefficient: n-octanol/water;  | No information available.  |
| (p) Auto-ignition temperature;               | No information available.  |
| (q) Decomposition temperature;               | No information available.  |
| (r) Viscosity;                               | No information available.  |
| (s) Explosive properties;                    | No information available.  |
| (t) Oxidising properties.                    | No information available.  |

### 9.2. Other information

- |                                 |   |
|---------------------------------|---|
| Volatile Organic Compound (VOC) | Maximum 839 g/litre<br>Aerosol products which are used for vehicle refinishing are classed as (2004/42/CE) Annex IIB subcategory (e). The maximum permitted VOC's are 840 g/l. The typical VOC content for this range of products is between 625 and 675 g/l. The VOC regulations do not apply to any other aerosol products except those which are used for vehicle refinishing. |
|---------------------------------|---|

## Section 10. Stability and Reactivity.

- |  |  |
|--|--|
| 10.1. Reactivity                         | No information available.  |
| 10.2. Chemical stability                 | Stable under normal temperature conditions.  |
| 10.3. Possibility of hazardous reactions | No information available.  |
| 10.4. Conditions to avoid                | Avoid heat, flames and other sources of ignition.<br>Avoid contact with: Strong oxidising agents. Strong alkalis.<br>Strong mineral acids. |
| 10.5. Incompatible materials             | No information available.  |
| 10.6. Hazardous decomposition products   | Fire creates: Vapours/gases/fumes of:<br>Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ).  |



## Section 11. Toxicological Information.

### 11.1. Information on toxicological effects

#### Inhalation

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

#### Ingestion

May cause discomfort if swallowed. May cause stomach pain or vomiting.

Gastrointestinal symptoms, including upset stomach.

#### Skin contact

Prolonged or repeated exposure may cause severe irritation. Acts as a defatting agent on skin.

May cause cracking of skin, and eczema

#### Eye contact

Irritating to eyes.

#### Route of entry

Inhalation. Skin and/or eye contact.

## Section 12. Ecological Information.

Under normal use conditions, this material is unlikely to accumulate in sufficient quantities to present any aquatic toxicity hazard.

### 12.1. Toxicity

No information available.

### 12.2. Persistence and degradability

The majority of the constituents are readily degradable.

### 12.3. Bioaccumulative potential

No information available.

### 12.4. Mobility in soil

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

### 12.5. Results of PBT and vPvB assessment

Not Classified as PBT/vPvB by current EU criteria.

### 12.6. Other adverse effects

Not known.

## Section 13. Disposal Considerations.

### 13.1. Waste treatment methods

Empty containers must not be burned because of explosion hazard.

Dispose of waste and residues in accordance with local authority requirements.



**Section 14. Transport Information.**

ADR. International Carriage of Dangerous Goods by Road.

<b>14.1.</b> UN number	UN 1950	
<b>14.2.</b> Name and Description	AEROSOLS, flammable	
	Label	2.1
	Special Provisions	190 344 625
	Limited Quantities	1 L
	Excepted Quantities	E0
	Packing Instructions	P207, LP02
	Special Packaging Provisions	RR6 L2
<b>14.3.</b> Transport hazard class(es)	Class	2
	Classification Code	5F
	Transport Category	2
	Tunnel restriction code	D
<b>14.4.</b> Packing group	-	
<b>14.5.</b> Environmental hazards	Avoid release to the environment	
<b>14.6.</b> Special precautions for user	Refer to Section 2.2 Precautionary Statements	

IATA. International Air Transport Association.

<b>14.1.</b> UN number	UN 1950	
<b>14.2.</b> UN Proper Shipping Name/Description	AEROSOLS, flammable	
	Hazard Label.	Flamm. gas
	Excepted Quantity	E0
	Packaging Instructions	Passenger 203
		Ltd Qty Y203
		Cargo 203
		ERG Code 10L
	Special Provisions	A167

Special Provision A802.

Notwithstanding the absence of a packing group in column E, substances and article assigned to these entries must be packed in UN Specification packagings that meet packing group II performance standards. This does not apply when aerosols are prepared for transport in accordance with the limited quantity provisions.

<b>14.3.</b> Transport hazard class(es)	Class or Division	2.1
<b>14.4.</b> Packing group	-	
<b>14.5.</b> Environmental hazards	Avoid release to the environment	
<b>14.6.</b> Special precautions for user	Refer to Section 2.2 Precautionary Statements	

IMDG. International Maritime Dangerous Goods.

<b>14.1.</b> UN number	UN 1950	
<b>14.2.</b> UN proper shipping name	AEROSOLS, flammable	
	Special Provisions	63, 190 277, 327, 344, 959
	Limited Quantities	See Special Provision 277
	Excepted Quantities	E0
	Packaging Instructions	P207, LP02
	Packaging Provisions	PP87, L2
<b>14.3.</b> Transport hazard class(es)	Class or Division	2
	Subsidiary Risk(s)	See Special Provision 63
<b>14.4.</b> Packing group	-	
<b>14.5.</b> Environmental hazards	Avoid release to the environment	
<b>14.6.</b> Special precautions for user	Refer to Section 2.2 Precautionary Statements	
<b>14.7.</b> Transport in bulk – Maritime only.	Bulk transport is not applicable to this product	



**Section 15. Regulatory Information.**

**15.1.** Safety, health and environmental regulations/legislation specific for the substance or mixture  
No information available.

**15.2.** Chemical safety assessment  
No information available.

**Section 16. Additional Information.**

Full text of Phrases and Statements used in Section 3;

- H220: Extremely flammable gas.
- H225: Highly flammable liquid and vapour.
- H226: Flammable liquid and vapour.
- H315: Causes skin irritation.
- H318: Causes serious eye damage.
- H319: Causes serious eye irritation.
- H332: Harmful if inhaled.
- H335: May cause respiratory irritation.
- H336: May cause drowsiness and dizziness.

The above information is believed to be accurate and represents the best information currently available.  
No warranty is expressed or implied by the above information.  
We assume no liability resulting from use of the above information.  
The end user should conduct their own investigations to determine the suitability of the above information for their particular purpose.

Issue level	Date	Revisions
1	15/02/16	First issue.
2	15/09/16	Sections 3, 14, 15 & 16

End of Safety Data Sheet.