



SPECIALISED LUBRICANTS &amp; CLEANERS

# Herschell Contrast Paint White 400ml

## Safety Data Sheet

According to SANS 10234:2008 and SANS 11014:2010

Date of issue:10/12/2019

Revision date:

Version: 1.0

### SECTION 1: Identification

#### 1.1. Product identifier

Product form : Mixture  
 Trade name : Herschell Contrast Paint White 400ml  
 Type of product : Aerosols  
 Product code : 1-700 4465  
 Product group : Trade product

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

Use of the substance/mixture : Spraying paint (spray can)

#### 1.3. Supplier's details

##### Manufacturer

Swift Industrial (Pty)Ltd  
 Molten Street  
 Delville ext.4  
 P.O. Box PO Box 23  
 Germiston 1400 - South Africa  
 T +27118275935 - F +27118242125  
[doug@swifts.co.za](mailto:doug@swifts.co.za) - [www.swifts.co.za](http://www.swifts.co.za)

#### 1.4. Emergency telephone number

Emergency number : +27118275935

### SECTION 2: Hazards identification

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

##### Classification according to the United Nations GHS

Aerosol, Category 1	H222;H229
Skin corrosion/irritation, Category 3	H316
Serious eye damage/eye irritation, Category 2A	H319
Specific target organ toxicity — Single exposure, Category 3, Narcosis	H336
Specific target organ toxicity — Repeated exposure, Category 2	H373
Aspiration hazard	Not classified
Hazardous to the aquatic environment — Acute Hazard, Category 3	H402

Full text of H statements : see section 16

#### 2.2. Label elements

##### Labelling according to the United Nations GHS

Hazard pictograms (GHS-ZA) :



GHS02



GHS07



GHS08

Signal word (GHS-ZA) :

Danger

Hazardous ingredients :

Acetone; toluene; Ethyl Acetate

Hazard statements (GHS-ZA) :

H222 - Extremely flammable aerosol.  
 H229 - Pressurised container: May burst if heated.  
 H316 - Causes mild skin irritation  
 H319 - Causes serious eye irritation.  
 H336 - May cause drowsiness or dizziness.  
 H373 - May cause damage to organs (central nervous system, eyes, liver, kidneys, nose) through prolonged or repeated exposure (Inhalation, Dermal, oral).  
 H402 - Harmful to aquatic life

Precautionary statements (GHS-ZA) :

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P211 - Do not spray on an open flame or other ignition source.  
 P251 - Do not pierce or burn, even after use.  
 P260 - Do not breathe spray, mist, gas.  
 P261 - Avoid breathing spray, gas, mist.  
 P264 - Wash hands, forearms and face thoroughly after handling.  
 P271 - Use only outdoors or in a well-ventilated area.  
 P273 - Avoid release to the environment.  
 P280 - Wear protective clothing, eye protection, face protection, protective gloves.

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P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P312 - Call a POISON CENTER, a doctor if you feel unwell.  
P314 - Get medical advice, medical attention if you feel unwell.  
P332+P313 - If skin irritation occurs: Get medical advice, medical attention.  
P337+P313 - If eye irritation persists: Get medical attention, medical advice.  
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.  
P405 - Store locked up.  
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C.  
P501 - Dispose of contents and container to an approved waste disposal plant.

### 2.3. Other hazards

Adverse physicochemical, human health and environmental effects : Pressurised container: May burst if heated, Extremely flammable aerosol, May cause damage to organs (central nervous system, eyes, kidneys, liver, nose) through prolonged or repeated exposure (if inhaled, if swallowed, in contact with skin), May cause drowsiness or dizziness, Causes mild skin irritation, Causes serious eye irritation, Harmful to aquatic life

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to the United Nations GHS
Acetone	(CAS-No.) 67-64-1	30 - 50	Flam. Liq. 2, H225 Acute Tox. Not classified (Oral) Acute Tox. Not classified (Dermal) Acute Tox. Not classified (Inhalation:dust,mist) Eye Irrit. 2A, H319 STOT SE 3, H336 Aquatic Acute Not classified
Disperbyk-107		10 - 30	Flam. Liq. 3, H226 Muta. Not classified Carc. Not classified Asp. Tox. Not classified
Ethyl Acetate		1 - 10	Flam. Liq. 2, H225 Acute Tox. 4 (Oral), H302 Skin Irrit. 3, H316 Eye Irrit. 2A, H319 STOT SE 3, H336 Asp. Tox. 1, H304
toluene	(CAS-No.) 108-88-3	1 - 10	Flam. Liq. 2, H225 Acute Tox. Not classified (Oral) Acute Tox. 5 (Dermal), H313 Acute Tox. Not classified (Inhalation:dust,mist) Skin Irrit. 2, H315 STOT SE 3, H336 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Acute 2, H401
xylene	(CAS-No.) 1330-20-7	0.88 - 0.92	Flam. Liq. 3, H226 Acute Tox. 5 (Oral), H303 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 STOT RE Not classified Aquatic Acute 2, H401 Aquatic Chronic Not classified
butane	(CAS-No.) 106-97-8		Pyr. Gas Not classified Flam. Gas 1, H220 Aquatic Acute 3, H402
isobutane	(CAS-No.) 75-28-5		Flam. Gas 1, H220
propane	(CAS-No.) 74-98-6		Flam. Gas 1, H220
SILICA	(CAS-No.) 7631-86-9		Acute Tox. 5 (Oral), H303 Acute Tox. 5 (Dermal), H313 Aquatic Acute Not classified
SILICA	(CAS-No.) 112945-52-5		Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335

Full text of H-statements: see section 16

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According to SANS 10234:2008 and SANS 11014:2010

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- First-aid measures general : Call a poison center or a doctor if you feel unwell.
- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
- First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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

- Symptoms/effects : May cause drowsiness or dizziness.
- Symptoms/effects after skin contact : Irritation.
- Symptoms/effects after eye contact : Eye irritation.

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

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

- Fire hazard : Extremely flammable aerosol.
- Explosion hazard : Pressurised container: May burst if heated.

#### 5.3. Advice for firefighters

- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

### SECTION 6: Accidental release measures

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

No additional information available

##### 6.1.1. For non-emergency personnel

- Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Do not breathe vapours, spray, mist, gas. Avoid contact with skin and eyes.

##### 6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Avoid release to the environment.

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

- For containment : Collect spillage.
- Methods for cleaning up : Mechanically recover the product.
- Other information : Dispose of materials or solid residues at an authorized site.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Do not breathe vapours, spray, mist, gas. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes. Wear personal protective equipment.
- Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

- Storage conditions : Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Acetone (67-64-1)

##### South Africa - Occupational Exposure Limits (Recommended Limits)

Local name	Acetone
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According to SANS 10234:2008 and SANS 11014:2010

<b>Acetone (67-64-1)</b>	
OEL TWA (mg/m <sup>3</sup> )	1780 mg/m <sup>3</sup>
OEL TWA (ppm)	750 ppm
OEL STEL (mg/m <sup>3</sup> )	3560 mg/m <sup>3</sup>
OEL STEL (ppm)	1500 ppm
Regulatory reference	Government Notice. R: 1179
<b>toluene (108-88-3)</b>	
<b>South Africa - Occupational Exposure Limits (Recommended Limits)</b>	
Local name	Toluene
OEL TWA (mg/m <sup>3</sup> )	188 mg/m <sup>3</sup>
OEL TWA (ppm)	50 ppm
OEL STEL (mg/m <sup>3</sup> )	560 mg/m <sup>3</sup>
OEL STEL (ppm)	150 ppm
Remark	Sk
Regulatory reference	Government Notice. R: 1179
<b>butane (106-97-8)</b>	
<b>South Africa - Occupational Exposure Limits (Recommended Limits)</b>	
Local name	Butane
OEL TWA (mg/m <sup>3</sup> )	1430 mg/m <sup>3</sup>
OEL TWA (ppm)	600 ppm
OEL STEL (mg/m <sup>3</sup> )	1780 mg/m <sup>3</sup>
OEL STEL (ppm)	750 ppm
Regulatory reference	Government Notice. R: 1179

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.  
Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures, such as personal protective equipment (PPE)

Hand protection : Protective gloves  
Eye protection : Safety glasses  
Skin and body protection : Wear suitable protective clothing  
Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment

#### Personal protective equipment symbol(s):



### 8.4. Exposure limit values for the other components

No additional information available

## SECTION 9: Physical and chemical properties

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

Physical state : Liquid  
Appearance : No data available  
Colour : Black.  
Odour : No data available  
Odour threshold : No data available  
pH : No data available  
pH solution : No data available  
Relative evaporation rate (butylacetate=1) : No data available  
Relative evaporation rate (ether=1) : No data available  
Melting point : Not applicable  
Freezing point : No data available  
Boiling point : No data available  
Flash point : No data available

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Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Extremely flammable aerosol.
Vapour pressure	: No data available
Vapour pressure at 50 °C	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Relative density of saturated gas/air mixture	: No data available
Density	: 0.785 g/cm <sup>3</sup>
Relative gas density	: No data available
Solubility	: No data available
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: 554.48 mm <sup>2</sup> /s Calculated
Viscosity, dynamic	: No data available
Explosive properties	: Pressurised container: May burst if heated.
Oxidising properties	: No data available
Explosive limits	: No data available
Lower explosive limit (LEL)	: No data available
Upper explosive limit (UEL)	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Extremely flammable aerosol. Pressurised container: May burst if heated.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

<b>Acetone (67-64-1)</b>	
LD50 oral rat	5800 mg/kg
LD50 dermal rabbit	20000 mg/kg
LC50 inhalation rat (mg/l)	71 mg/l/4h
LC50 inhalation rat (ppm)	30000 ppm/4h
<b>toluene (108-88-3)</b>	
LD50 oral rat	5580 mg/kg bodyweight
LD50 dermal rabbit	5000 mg/kg bodyweight
LC50 inhalation rat (mg/l)	25.7 - 30 mg/l/4h
<b>xylene (1330-20-7)</b>	
LD50 oral rat	3523 - 4000 mg/kg bodyweight
LD50 dermal rabbit	12126 mg/kg bodyweight
LC50 inhalation rat (ppm)	6350 - 6700 ppm/4h

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<b>SILICA (7631-86-9)</b>	
LD50 oral rat	5000 mg/kg bodyweight
LD50 dermal rabbit	2000 - 5000 mg/kg bodyweight

Skin corrosion/irritation	: Causes mild skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: May cause drowsiness or dizziness.
STOT-repeated exposure	: May cause damage to organs (central nervous system, eyes, liver, kidneys, nose) through prolonged or repeated exposure (Inhalation, Dermal, oral).

<b>toluene (108-88-3)</b>	
NOAEL (oral, rat, 90 days)	625 mg/kg bodyweight/day

<b>xylene (1330-20-7)</b>	
LOAEL (oral, rat, 90 days)	150 - 250 mg/kg bodyweight/day

Aspiration hazard : Not classified.

<b>Herschell Contrast Paint White 400ml</b>	
Vaporizer	Aerosol
Viscosity, kinematic	554.48 mm <sup>2</sup> /s Calculated

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general	: Harmful to aquatic life.
Hazardous to the aquatic environment, short-term (acute)	: Harmful to aquatic life.
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

<b>Acetone (67-64-1)</b>	
LC50 fish 1	5540 mg/l
EC50 Daphnia 1	12600 mg/l

<b>toluene (108-88-3)</b>	
LC50 fish 1	5.5 mg/l
EC50 Daphnia 1	3.78 mg/l
Log Pow	2.73

<b>xylene (1330-20-7)</b>	
LC50 fish 1	2.6 - 8.4 mg/l
EC50 72h algae (1)	4.6 - 4.9 mg/l
NOEC chronic fish	1.3 mg/l 56 days
NOEC chronic crustacea	1.57 mg/l 21 days
Log Pow	3.12 - 3.2

<b>butane (106-97-8)</b>	
LC50 fish 1	24.11 - 147.54 mg/l
Log Pow	1.09 - 2.8

<b>SILICA (7631-86-9)</b>	
LC50 fish 1	1033 - 1289 g/l
EC50 72h algae (1)	217.576 - 217.6 mg/l
Log Pow	0.53

### 12.2. Persistence and degradability

<b>Herschell Contrast Paint White 400ml</b>	
Persistence and degradability	No additional information available

<b>Acetone (67-64-1)</b>	
Biochemical oxygen demand (BOD)	1.43 g O <sub>2</sub> /g substance
Chemical oxygen demand (COD)	1.92 g O <sub>2</sub> /g substance
ThOD	2.2 g O <sub>2</sub> /g substance

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According to SANS 10234:2008 and SANS 11014:2010

<b>Acetone (67-64-1)</b>	
BOD (% of ThOD)	0.872 % ThOD

### 12.3. Bioaccumulative potential

<b>Herschell Contrast Paint White 400ml</b>	
Bioaccumulative potential	No additional information available

<b>toluene (108-88-3)</b>	
Log Pow	See section 12.1 on ecotoxicology

<b>xylene (1330-20-7)</b>	
Log Pow	See section 12.1 on ecotoxicology

<b>butane (106-97-8)</b>	
Log Pow	See section 12.1 on ecotoxicology

<b>SILICA (7631-86-9)</b>	
Log Pow	See section 12.1 on ecotoxicology

### 12.4. Mobility in soil

<b>Herschell Contrast Paint White 400ml</b>	
Mobility in soil	No additional information available

<b>toluene (108-88-3)</b>	
Log Pow	See section 12.1 on ecotoxicology

<b>xylene (1330-20-7)</b>	
Log Pow	See section 12.1 on ecotoxicology

<b>butane (106-97-8)</b>	
Log Pow	See section 12.1 on ecotoxicology

<b>SILICA (7631-86-9)</b>	
Log Pow	See section 12.1 on ecotoxicology

### 12.5. Other adverse effects

Ozone	: Not classified
Other adverse effects	: No additional information available




## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
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## SECTION 14: Transport information

In accordance with SANS / IMDG / IATA

SANS	IMDG	IATA
<b>14.1. UN number</b>		
1950	1950	1950
<b>14.2. Proper Shipping Name</b>		
AEROSOLS	AEROSOLS	Aerosols, flammable
<b>14.3. Transport hazard class(es)</b>		
2.1	2.1	2.1
		
<b>14.4. Packing group</b>		
Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>		
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No
No supplementary information available		

### 14.6. Special precautions for user

#### - SANS

Special provisions (SANS)	: 63, 190
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According to SANS 10234:2008 and SANS 11014:2010

Limited quantities (SANS) : See SP277  
Limited quantities (SANS) : See SP277  
Packagings, large packagings and IBCs : P003  
Packing instructions (SANS)  
Packagings, large packagings and IBCs Special : PP17, PP87  
packing instructions (SANS)

### - IMDG

Special provisions (IMDG) : 63, 190, 277, 327, 344, 381, 959  
Packing instructions (IMDG) : P207, LP200  
Special packing provisions (IMDG) : PP87, L2  
EmS-No. (Fire) : F-D - FIRE SCHEDULE Delta - FLAMMABLE GASES  
EmS-No. (Spillage) : S-U - SPILLAGE SCHEDULE Uniform - GASES (FLAMMABLE, TOXIC OR CORROSIVE)  
Stowage category (IMDG) : None

### - IATA

PCA Excepted quantities (IATA) : E0  
PCA Limited quantities (IATA) : Y203  
PCA limited quantity max net quantity (IATA) : 30kgG  
PCA packing instructions (IATA) : 203  
PCA max net quantity (IATA) : 75kg  
CAO packing instructions (IATA) : 203  
CAO max net quantity (IATA) : 150kg  
Special provisions (IATA) : A145, A167, A802  
ERG code (IATA) : 10L

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health, and environmental national regulations specific for the product

Regulatory reference : SANS 10234:2008; SANS 11014:2010; SANS 10228:2012; SANS 10229:2010; SANS 10232(1,2,4), SANS 10231:2018; Occupational Health and Safety Act 85 of 1993; National Road Traffic Act 93 of 1996.

## SECTION 16: Other information

Date of issue : 10/12/2019

Full text of H-statements:

H220	Extremely flammable gas.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H303	May be harmful if swallowed
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H313	May be harmful in contact with skin
H315	Causes skin irritation.
H316	Causes mild skin irritation
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated exposure.
H401	Toxic to aquatic life
H402	Harmful to aquatic life

SDS South Africa

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*