
MATERIAL SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION OF MATERIAL AND SUPPLIER

Product Name: **Silhouette Flexible Hold Hairspray**
Other Names: Silhouette Hairspray
Product Code: 1688722, 1688726, 1688729, 1741083 (400g) 1852265 (100g)
Recommended Use: Hair spray

Supplier:	Henkel Australia Pty. Limited 135-141 Canterbury Road, Kilsyth, Victoria, 3137 AUSTRALIA	Henkel New Zealand Limited 106 Springs Road, East Tamaki, Auckland NEW ZEALAND
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Emergency Telephone Number: 61 2 9978 0666 (9.00 am – 5.00 pm, Monday to Friday) Australia
0800 930 930 (9.00 am – 5.00 pm, Monday to Friday) New Zealand

SECTION 2 – HAZARDS IDENTIFICATION

Not hazardous according to criteria of Worksafe Australia.

Signal Word:

Warning

Hazard Classification

2.1.2A Flammable Aerosol
6.4A Eye Irritant
9.1D Harmful in the aquatic environment

Hazard Statements

Extremely Flammable Aerosol
Cause eye irritation
Harmful in the aquatic environment

Precautionary Statements

Read label before use. Keep away from heat/spark/open flames hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Pressurised container. Do not pierce or burn, even after use.
Wash hands thoroughly after handling. Wear eye/face protection
Avoid release to the environment.

Response Statements

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Apply continuous irrigation with water for at least 15 minutes holding eyelids apart. If eye irritation persists, get medical advice.

Hazard Statements

Extremely Flammable Aerosol. Can cause eye irritation. Harmful to aquatic life.

Storage Statements

Protect from sunlight. Do not expose to temperatures exceeding 50°C.

Classification according to Directive 1999/45/EC (DPD):

F+ - Extremely flammable

MATERIAL SAFETY DATA SHEET

R12 Extremely flammable.

Label elements (DPD):

F+ - Extremely flammable



Risk phrases:

R12 Extremely flammable.

Safety phrases:

S33 Take precautionary measures against static discharges.

S60 This material and its container must be disposed of as hazardous waste.

Additional labeling:

Keep away from direct sunlight and temperatures over 50°C.

Do not open by force or throw into fire even after use.

Do not spray onto flames or red-hot objects.

Keep away from sources of ignition - no smoking.

Keep out of the reach of children.

Other hazards:

None if used properly.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Identity of Ingredients:	CAS Number:	Proportion:
Ethanol	64-17-5	30 - 60 %
Dimethyl Ether	115-10-6	30 - 60 %
Other cosmetic grade ingredients determined to be non-hazardous	—	to 100%

SECTION 4 – FIRST AID MEASURES

Swallowed:	Give a glass of water. Contact a doctor or Poisons Information Centre.
Eye:	Flush eyes with water. Contact a doctor or Poisons Information Centre if irritation persists.
Skin:	Wash skin with soap and water if irritation persists.
Inhaled:	If breathing difficulties occur, remove person to fresh air and monitor.

Aggravated medical conditions caused by exposure:

Excessive close contact may cause localised freezing of tissue. Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal.

MATERIAL SAFETY DATA SHEET

SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing media: Aerosols are Class 2.1 Dangerous Goods. Aerosols will explode if subjected to temperatures above 50°C. Use water or water-spray extinguishing media to keep containers cool. Product bulk is flammable but water soluble.

Hazards from combustion products: Aerosols represent a fire and explosion hazard. When heated to decomposition, fumes including carbon monoxide and carbon dioxide may be produced.

Special protective precautions and equipment for fire fighters: aerosols will explode at temperatures above 50°C

Hazchem Code: 2YE

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Emergency Procedures: Eliminate sources of ignition. Leaking cans may explode. Do not handle distorted cans.

Methods and materials for containment and clean up:

Eliminate ignition sources. For small spills (less than one litre), wipe area with a wet mop/cloth and rinse spill area and cloth with water. For large spills, absorb any escaped liquid with an inert absorbent material (sand, vermiculite). Dispose of waste in accordance with local, state and federal regulations. Collect un-ruptured and undistorted units for assessment by owner.

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling: Keep out of reach of children. Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition – no smoking. Do not handle distorted cans.

Conditions for safe storage: Keep out of reach of children. Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Keep away from sources of ignition – no smoking.

Incompatibilities: Temperatures exceeding 50°C. Direct sunlight.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure standards	Chemical Name	TWA *	8hr TWA	15 minute STEL
	Ethanol	1880 mg/m ³	1000 mg/m ³	
	Dimethyl Ether	760 mg/m ³	766 mg/m ³	958 mg/m ³

* Worksafe Australia Standards

Biological limit values: Acute Oral LD₅₀ = 7060 mg/kg(Rat), Inhalation LC₅₀ = 20 000 ppm/10 Hrs (Rat) (based on 100% Ethanol)

Engineering controls: Use local exhaust ventilation when handling powdered resins. Eliminate ignition sources when mixing or handling liquid bulk. Use aerosols in a well ventilated area, away from all ignition sources. Ensure natural and/or mechanical ventilation (eg. exhaust fan) is adequate to ensure concentrations remain below exposure standards and explosion levels.

Personal protective equipment: Ensure good industrial hygiene practice. Eye protection should be worn when handling bulk product, even if wearing contact lenses. Wear gloves for extended contact with product bulk.

MATERIAL SAFETY DATA SHEET

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Following properties for product bulk (unless indicated otherwise)

Appearance:	Faun to pale brown, clear liquid
Odour:	Characteristic odour
pH (at 25°C):	Not applicable
Vapour Pressure (Propellant):	Approximately 400 kPa
Boiling Point:	No data available
Freezing Point:	No data available
Solubility in water:	Soluble
Specific Gravity (at 25°C):	Approximately 0.9 g/mL
Vapour density (Propellant):	Greater than 1.0
Lower explosion limit (Propellant):	1.8%

Product bulk is flammable.

SECTION 10 – STABILITY AND REACTIVITY

Chemical stability:	Product bulk is stable under normal conditions. Packaging is stable under normal conditions.
Conditions to avoid:	Nil
Incompatible materials:	Nil
Hazardous decomposition products:	Nil
Hazardous reactions:	None known

SECTION 11 – TOXICOLOGICAL INFORMATION

Health effects from likely routes of exposure: no data available

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity:	No data available
Persistence and degradability:	No data available
Mobility:	No data available
Environmental Fate:	No data available
Bioaccumulative potential:	No data available

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal methods and containers:	For liquid bulk, contact local EPA for advice. Transport in plastic (polyethylene) lined, sealed drums. For absorbent material used for spill containment, contact local EPA for directions.
Special precautions for landfill or incineration:	Nil

MATERIAL SAFETY DATA SHEET

SECTION 14 – TRANSPORT INFORMATION

UN Number: 1950
UN Proper Shipping Name: AEROSOLS
Class and subsidiary risk: 2.1
Packaging Group: Not applicable
Special precautions for user: Nil
Hazchem Code: 2YE

SECTION 15 – REGULATORY INFORMATION

There is no known regulatory status of this material, or its ingredients, under Australian health, safety or environmental legislation. Furthermore, there is no additional national or international regulatory information.

Approval Code: HSR002552
Group Name: Cosmetic Products Group Standard
HSNO Controls: Refer to the EPA website for more information: www.epa.govt.nz

SECTION 16 – OTHER INFORMATION

Date of preparation/last revision: 20.02.2015
Acronyms/abbreviations used in this Material Safety Data Sheet:
EPA Environment Protection Authority
TWA Time Weighted Averages
STEL Short Term Exposure Limit
Literature References: Nil
Sources for data: None listed