MATERIAL SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION OF MATERIAL AND SUPPLIER

Product Name: **Flexible Hairspray, 300mL and 500mL**
Other Names:
Product Code: 909440 (300mL), 909880 (500mL)
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

Emergency Telephone Number: 61 2 9978 0666 (9.00 am – 5.00 pm, Monday to Friday)

SECTION 2 – HAZARDS IDENTIFICATION

Not hazardous according to criteria of Worksafe Australia.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Identity of Ingredients:	**CAS Number:**	**Proportion:**
Dimethyl Ether	106-97-8	30 - < 60 %
Ethanol	64-17-5	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.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing media: Aerosols are Class 2.1 Dangerous Goods. Aerosols will explode if subjected to temperatures above 50ºC. 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: No code applicable

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

National exposure standards:

Chemical Name	**TWA***
Ethanol	**1880 mg/m^3**

* Worksafe Australia Standards

Biological limit values: Acute Oral LD_{50} = 7060 mg/kg(Rat), Inhalation LC_{50} = 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. Wear gloves for extended contact with product bulk.

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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Following properties for product bulk (unless indicated otherwise)

Appearance:	Clear to pale yellow liquid
Odour:	Characteristic odour
pH (at 25°C):	Not applicable
Vapour Pressure (Propellent):	Approximately 400 kPa
Boiling Point:	No data available
Freezing Point:	No data available
Solubility in water:	Soluble
Specific Gravity (at 25^{0}C):	Approximately 0.8 g/mL
Vapour density (Propellant):	Greater than 1.0
Lower explosion limit (Propellent):	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. For empty packaging, contact local recycling facility.
Special precautions for landfill or incineration:	Nil

SECTION 14 – TRANSPORT INFORMATION

UN Number:	1950
UN Proper Shipping Name:	AEROSOLS
Class and subsidiary risk:	2.1
Packing Group:	Not applicable
Special precautions for user:	Nil
Hazchem Code:	No code applicable

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.

SECTION 16 – OTHER INFORMATION

Date of preparation/last revision: 28.07.07

Acronyms/abbreviations used in this Material Safety Data Sheet:

EPA	Environment Protection Authority
Literature References:	Nil
Sources for data:	None listed