

PROFESSIONALTM BEAUTY SYSTEMS

SAFETY DATA SHEET

1. IDENTIFICATION

PRODUCT NAME:	Osmo Extreme Extra Firm Hairspray	
COMPANY NAME:	Professional Beauty Systems 3 Newmans Avenue Inchinnan Business Park Renfrew United Kingdom PA4 9RR Telephone: +44 (0) 141 812 5000 Fax: +44 (0) 141 812 1919 Email: salesinfo@pbs-beauty.com	
PRODUCT TYPE:	Aerosol Hairspray	CONTAINER: 500ml aerosol.
CLASSIFICATION:	EXTREMELY FLAMMABLE	

2. COMPOSITION / INGREDIENT INFORMATION

General Description:				
A solution of hair care additives and polymers in denatured ethanol. The propellant is butane. Small amounts of perfume and silicone-based conditioner are also present.				
Substances listed in CHIP or EH40 or influencing Classification:				
	<u>Concentration</u>	<u>WEL*</u>	<u>Risk phrases</u>	<u>Symbol</u>
DENATURED ETHANOL (CAS 64-17-5)	>50% w/w	1000ppm	R11	F
BUTANE 40 (CAS 68476-85-7)	<50% w/w	600ppm	R12	F+
*WEL = Workplace Exposure Limit as published in the UK by the Health and Safety Executive in document EH40. R11 = Highly flammable R12 = Extremely flammable Figures quoted are 8 hour time weighted averages for the individual material at 100%. The butane propellant contains < 0.10% Buta-1,3-diene.				

3. HAZARDS IDENTIFICATION

The contents are flammable.
Deliberate inhalation abuse could be fatal in extreme cases.
The aerosol cans may rupture if heated to excess.
Direct eye contact may cause irritation.

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4. FIRST AID MEASURES

Inhalation:	Remove patient to fresh air and seek medical advice.
Eye Contact:	Irrigate thoroughly with water. Seek medical advice if irritation persists.
Skin Contact:	Wash with soap and water.
Ingestion:	Unlikely to occur accidentally, but seek medical advice if significant quantities have been swallowed. The ethanol is denatured and is not drinkable.

5. FIRE FIGHTING MEASURES

Extinguishing media:				<u>Unusual hazards:</u>
Water Fog	Foam	Carbon Dioxide	Other	Cool containers to prevent rupture.
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

6. ACCIDENTAL RELEASE MEASURES

A minor single spill is unlikely to present a problem.
If large numbers are ruptured:
Extinguish all ignition sources. Ventilate area, particularly at low level.
Vapours are heavier than air and will tend to accumulate in sunken areas.
Absorb residue on inert material and dispose of in accordance with local regulations

7. HANDLING AND STORAGE

Store at ambient temperatures under dry conditions.
Read the label before use.
Do not mix with other chemicals.
Keep out of reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Protective clothing is not required.
Do not smoke during use.
Ensure adequate ventilation.
Do not breathe spray.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Fine colourless spray	Odour:	Characteristic (perfumed)
pH:	n/a	Flammability:	Flash Point < 0°C *
Internal Pressure: (@ 20°C)	approx. 3 Bar	Solubility in Water: (@ 20°C)	approx. 60 %
Vapour Density:	> Air	Relative Density:	0.71

Other information:

*The flash point quoted is that of the butane propellant.

10. STABILITY AND REACTIVITY

The aerosol is stable under normal conditions.
Aerosol cans may rupture in a fire with the release of flammable product and propellant.

11. TOXICOLOGICAL INFORMATION

The aerosol contains no toxic or harmful materials.
Deliberate inhalation abuse could prove fatal in extreme circumstances.
The ethanol is denatured, and ingestion is likely to cause nausea.

12. ECOLOGICAL INFORMATION

All of the chemicals used are biodegradable.
No chlorofluorocarbons (CFC's) are present.
The aluminium container may be recycled.

13. DISPOSAL CONSIDERATIONS

Do not puncture or incinerate even when empty.
Dispose of in accordance with local regulations.

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14. TRANSPORT INFORMATION

IMDG:	Class 2 "Aerosols"	UN Code:	1950
ADR:	Class 2 "Gases"	Marine Pollutant:	No
OTHER INFORMATION: ---.			

15. REGULATORY INFORMATION



Extremely Flammable

Keep out of the reach of children

Avoid eye contact. If this should occur rinse thoroughly with water.

The labelling is in accordance with the "Chemical (Hazard Information and Packaging for Supply) Regulations 2009" and current EC guidelines

The aerosol conforms to the requirements of the current European Aerosol Dispensers Directive, implemented in the UK by SI.2009 no.2824.

The aerosol carries a statutory aerosol caution statement (see section 16).

16. OTHER INFORMATION

Aerosol Caution:

The container is pressurised. Do not pierce or burn, even when empty.
Protect from sunlight and do not expose to temperatures exceeding 50°C.
Do not spray on a naked flame or any incandescent material.
Keep out of reach of children. No smoking.

This information is based on our present state of knowledge and is intended to describe the product from the point of view of safety. It should not be construed as a guarantee of specific properties.