

Materials Safety Data Sheet

Lift Plus Page 1 of 4.

1. Identification of the Substance and of the Company:	
Trade Name:	Lift Plus
Product Type:	Advanced Medical Adhesive Remover
Company:	Opus Healthcare Ltd PO Box 8204 Ardleigh Colchester, CO7 7WH
Telephone:	01206 230741
Fax:	01206 230129
Code Numbers	Spray 50ml 5503, Sachet 5502

2. Physical & Chemical Properties:	
Form:	Colourless liquid
Boiling point	100 Deg C
Flash Point	-3.3 Deg C
Melting point	-68 Deg C
Odour	Characteristic Odour
Lower flammable limits:	1.50%
Auto-ignition temperature:	352 Deg C
Explosive properties:	No
Vapour pressure:	4.2 kPa at 20 Deg C
Specific Gravity:	0.76
Partition coefficient:	4.76
Viscosity:	0.65 mm ² / s at 25 Deg C
VOC content:	760 g/l
Molecular weight:	162
Oxidising properties:	No

3. Hazardous Identification:	
Highly flammable. May cause long-term adverse effects in the aquatic environment.	

4. First Aid Measures:	
On contact with eyes:	Flush with water.
On skin contact:	Flush with water. Wipe Off
If inhaled:	Remove to fresh air.
On ingestion:	No first aid should be needed.

5. Handling & Storage:	
Handling:	General ventilation is required. Local ventilation is recommended. Avoid skin & eye contact. Do not breathe vapour. Do not breathe spray or mist.
Storage Precautions:	Store in flameproof, well-ventilated area. Electrostatic charges may be generated during transfer of product from its container. Ensure that all equipment is electrically earthed. Keep container tightly closed.
Packaging:	2ml sachets and 50ml spray.
Spillages:	Determine the need to evacuate or isolate the area according to your local emergency plan. Eliminate all possible sources of ignition. Very large spills should be contained by bunding, etc... procedures. Mop, wipe or soak-up with absorbent material and place in a container with a lid. The spilled product produces an extremely slippery surface.

Materials Safety Data Sheet

Lift Plus Page 2 of 4.

6. Exposure Controls/Protective Equipment:	
Engineering Controls:	Ventilation. See section 5.
Hazardous Components:	
Name:	Hexamethyldisiloxane
Exposure Lim:	200ppm (8h TWA) Manufacturer's recommendation
Personal Protection Equipment:	
Respiratory protection:	Suitable respiratory protection should be worn if the product is used in large quantities, confined spaces or in other circumstances where the OEL may be approached or exceeded.
Hand protection:	Chemical protective gloves should be worn: polyvinyl alcohol (PVA). Nitrile rubber. Silvershield™, 4H™, & Viton™. Regarding glove's breakthrough time, please contact glove supplier.
Eye protection:	Safety glasses should be worn.
Skin protection:	Wear impervious overalls in circumstances where significant skin-contact can occur.
Hygiene measures:	Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.
Environmental exposure controls:	Refer to Sections 5 & 11.

7. Composition/Information on Ingredients:		
Hazardous Components:	Hexamethyldisiloxane	Aloe Vera
Conc.		
EINECS No.		
CAS No.		
Hazard:		
Risk Phases:		

8. Toxicological Information:	
Eyes:	Slightly irritating.
Skin:	Repeated or prolonged contact may cause defatting of the skin, leading to dermatitis.
Ingestion:	Small amounts transferred to the mouth by fingers during use should not injure. Swallowing large amounts may cause digestive discomfort.
Inhalation:	Mildly irritating to the respiratory system. May cause drowsiness.
Other health hazard information:	Other health hazard information: Product may emit formaldehyde vapours at temperatures above 150°C in the presence of air. Formaldehyde vapour is harmful by inhalation and irritating to the eyes and respiratory system at breathing concentration less than one part per million (1 ppm).

9. Disposal Recommendations:	
Disposal should be in accordance with local regulations.	

10. Stability and Reactivity:	
Stability:	Stable under normal usage conditions.

Materials Safety Data Sheet

Lift Plus Page 3 of 4.

Conditions to avoid:	None established
Materials to avoid:	Can react with strong oxidising agents.
Decomposition Products:	See Section 8.

11. Ecological Information:

Environmental fate & distribution:	Volatile siloxanes rapidly evaporate into the atmosphere, where they degrade. They do not persist in water or soil.
Ecotoxicity effects:	No acute fish toxicity (96h) is predicted. May cause long-term adverse effects in the aquatic environment.
Bioaccumulation:	Volatile siloxanes may bioaccumulate in closed test systems.
Fate & effects in water treatment plants:	No adverse effects on bacteria. The siloxanes in this product so not contribute to the BOD. Mainly removed by volatilisation.
Additional environmental information:	Additional environmental information on the silicone component can be provided on request

12. Fire Fighting Measures:

Extinguishing Media:	On large fires use medium expansion (>30:1) AFFF alcohol compatible foam. On small fires use medium expansion (>30:1) AFFF alcohol compatible foam, CO2 or water spray. Water can be used to cool fire-exposed containers.
Special Hazards:	Fire burns more vigorously than would be expected. Vapours are heavier than air and can travel along the ground to remote ignition sources. Electrostatic charges may be generated during transfer of product from its container. Ensure that all electrical equipment is earthed.
Special protective equipment / procedures:	A self-contained respirator and protective clothing should be worn. Keep containers cool with water spray until the fire is out. Determine the need to evacuate or isolate the area according to your local emergency plan.
Hazardous combustion products:	Silica. Carbon oxides and traces of incompletely burned carbon compounds. Formaldehyde.

13. Transport Information:

Road / Rail (ADR / RID)	
UN No.:	1993
Proper shipping name:	FLAMMABLE LIQUID, N.O.S. (Contains HEXAMETHYLDISILOXANE)
Class:	3,3 (B)
Trem Card:	II
Labels:	30G30-A
Sea Transport (IMDG)	
UN No.:	1993
Proper shipping name:	FLAMMABLE LIQUID, N.O.S. (Contains HEXAMETHYLDISILOXANE)
Class:	3
Packing group:	II

Materials Safety Data Sheet

Lift Plus Page 4 of 4.

Medical First Aid Guide (MFAG):	REFER TO THE EMERGENCY TABLE OF MFAG.
Emergency schedule (EmS):	3-07
Marine pollutant:	Not applicable
Labels:	FLAMMABLE LIQUID
Air Transport	
UN No.:	1993
Proper shipping name:	FLAMMABLE LIQUID, N.O.S. (Contains HEXAMETHYLDISILOXANE)
Class:	3
Packing group:	II

14. Regulatory Information:	
Labelling according to EEC Directive	
Symbols:	F Highly flammable
R-phrases:	R11 - Highly flammable R53 - May cause long-term adverse effects in the aquatic environment.
S-phrases:	S7/9 - Keep container tightly closed and in a well-ventilated place. S16 - Keep away from sources of ignition – NO SMOKING. S23 (V) – Do not breathe vapour. S33 – Take precautionary measures against static discharges. S51 – Use only in well ventilated areas. S61 – Avoid release into the environment. Refer to special instructions / Safety data sheets.
National legislation / regulations:	
Ozone depleting chemicals:	No ozone depleting chemicals are present or used in manufacture.
Status:	
EINECS:	All ingredients listed or exempt.
TSCA:	All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

Legal Disclaimer:	
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