

Materials Safety Data Sheet

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1. Identification of the Substance and of the Company:	
Trade Name:	SkinSafe – Non Sting Barrier Wipe
Company:	Opus Healthcare Ltd PO Box 8204 Ardleigh Colchester, CO7 7WH
Telephone:	01206 230741
Fax:	01206 230129
Code Numbers	Sachets 6600

2. Composition / Information on Ingredients:	
Chemical Characterisation:	Silicone
Hazardous Ingredients:	
Name:	
Hexamethyldisiloxane	
Decamethylcyclopentasiloxane	
Trimethylated silica	
Tetra silane	

3. Hazardous Identification:	
The principle hazards of the product as supplied are:	
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. Fire Fighting Measures:	
Suitable 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, CO ₂ or water spray. Water can be used to cool fire-exposed containers.
Unsuitable extinguishing material:	None known.
Hazards during fire fighting:	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.

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6. Accidental Release Measures:	
Personal precautions:	Wear proper protective equipment.
Precautions to protect the environment:	Prevent from spreading or entering into drains, ditches or rivers by using sand, earth or other appropriate barriers.
Methods for cleaning-up:	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.

7. Handling & Storage:	
Advice on safe handling:	General ventilation is required. Local ventilation is recommended. Avoid skin & eye contact. Do not breathe vapour. Do not breathe spray or mist.
Advice on storage:	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.
Specific uses:	Refer to manufacturer.
Unsuitable packing materials:	None known.

8. Exposure Controls / Personal Protection:	
Engineering Controls:	Ventilation. <i>Refer to Section 7.</i>
Exposure Controls for Hazardous Components:	
Name:	Exposure Limits:
Hexamethyldisiloxane	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 6 & 12.
Additional information:	None known.

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9. Physical & Chemical Properties:					
Appearance:					
Form:	Liquid	Colour:	Colourless	Odour:	Characteristic odour
Other Data:					
Boiling point / range:	100°C				
Melting point / range:	-68°C				
Flash point:	-3.3°C				
Lower flammable limits:	1.50%				
Auto-ignition temperature:	352°C				
Explosive properties:	No				
Vapour pressure:	4.2 kPa at 20°C				
Specific Gravity:	0.76				
Partition coefficient: (Log n-octanol / water)	4.76				
Viscosity:	0.65 mm ² / s at 25°C				
VOC content:	760 g/l				
Molecular weight:	162				
Oxidising properties:	No				

10. Stability & Reactivity:	
Stability:	Stable under normal usage conditions.
Conditions to avoid:	None established.
Materials to avoid:	Can react with strong oxidising agents.
Hazardous decomposition products:	See Section 11.

11. Toxicological Information:	
On contact with eyes:	Slightly irritating.
On contact with skin:	Repeated or prolonged contact may cause defatting of the skin, leading to dermatitis.
If inhaled:	Mildly irritating to the respiratory system. May cause drowsiness.
On ingestion:	Small amounts transferred to the mouth by fingers during use should not injure. Swallowing large amounts may cause digestive discomfort.
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).

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12. 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.	
13. Disposal considerations:	
Product disposal:	Dispose of in accordance with local regulations.
Packaging disposal:	Dispose of in accordance with local regulations.
14. 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
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

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15. 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:

The information supplied herein is based upon the present state of our knowledge of the product at the time of publication. It is given in good faith and no warranty is implied with respect to the specification or quality of the product. The user must satisfy themselves that the product is entirely suitable for their purpose.