

Material Safety Data Sheet

May be used to comply with
 OSHA's Hazard Communication Standard
 29 CFR 1910.1200. Standard must be
 consulted for specific requirements

U.S. Department of Labor**#99-001**

Occupation Safety and Health Administration

(Non-Mandatory Form)

Form Approved

OMB No. 1218-0072

Redken Smooth Down Heat
Glide**IDENTITY**

Products Containing Semi-Volatile or
 Emulsified Silicones

*Note: Blank spaces are not permitted. If any item is not applicable, or no
 information is available, the space must be marked to indicate that.*

Section I

Manufacturer's Name L'Oreal USA Products, Inc.	Emergency Telephone Number (800) 535-5053 (Int'l 352-323-3500)
Address (Number, Street, City, State, and ZIP Code) 111 Terminal Avenue	Telephone Number For Information (732) 499-2746
Clark, NJ 07066	Date Prepared February 6, 2006 (replaces 10-18-04)
	Signature of Preparer (optional) C. Jennings

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity;Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Cyclomethicone	None			≤60%
Cyclopentasiloxane	None			≤90%
Cyclohexasiloxane	None			≤60%
Dimethicone	None			<10%
Dimethicone Copolyol	None			<5%

Section III - Physical/Chemical Characteristics

Boiling Point (Liquids)	140-200 F	Specific Gravity (H ₂ O = 1)	~1
Vapor Pressure (mm Hg)	N/A	Melting Point (Solids)	125-145°F
Vapor Density (AIR = 1)	>1	Evaporation Rate (Butyl Acetate = 1)	>1

Solubility in Water

Insoluble

Appearance and Odor

1. White to off-white cream/lotion with a pleasant odor. 2. Semi-viscous clear to translucent liquid with a faint odor. 3. Silicone containing antiperspirant/deodorant sticks, lipsticks, and eyeliners.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) 141°F - 200 F (closed cup)	Flammable Limits Cyclomethicone	LEL 0.5%	UEL 8.0%
---	------------------------------------	-------------	-------------

Extinguishing Media

Carbon dioxide, dry chemical, foam, and/or water spray.

Special Fire Fighting Procedures

Fires involving bulk product may be extinguished with carbon dioxide, dry chemical, and/or foam. Water spray may be used to soak corrugated shipping containers of finished product if involved in a fire.

Unusual Fire and Explosion Hazards

None; however, observe usual precautions for handling of combustible materials. For manufacturing, minimize airborne vapor levels through engineering controls.

Section V - Reactivity Data

#99-001

Stability	Unstable		Conditions to Avoid	Avoid heat, fire, and other sources of ignition.
	Stable	X		

Incompatibility (Materials to Avoid)

Oxidizing agents and nitric acid.

Hazardous Decomposition or Byproducts

Silicon dioxide, carbon monoxide, carbon dioxide.

Hazardous	May Occur		Conditions to Avoid	None known.
	Polymerization	Will Not Occur		

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	Yes	Yes	Not likely.

Health Hazards (Acute and Chronic)

May cause eye irritation. Although product is non-toxic, ingestion of large quantities may produce temporary gastrointestinal disturbance and diarrhea. No adverse effects would be expected following dermal exposure.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	No	No	No

Signs and Symptoms of Exposure

Possible eye irritation; temporary gastrointestinal disturbance and diarrhea.

Medical Conditions Generally Aggravated by Exposure

None known.

Emergency and First Aid Procedure

If in eyes, flush with plenty of water for at least 15 minutes. Get medical attention if irritation occurs. If swallowed, drink one or two glasses of water or milk and consult a physician. If on skin, wash with soap and water.

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

Eliminate all sources of ignition. Dike and contain the free liquid, if any, and absorb on vermiculite, spill pillows, or other absorbants. Containerize spent absorbants in suitable containers for disposal. Wash spill area with detergent solution as necessary.

Waste Disposal Method

Products containing semi-volatile or emulsified silicones are not regulated as hazardous wastes when intended for disposal. However, incineration is the recommended method of treatment and disposal for such products.

Precautions to be Taken in Handling and Storage

Store bulk quantities in a cool, well-ventilated room. Limit quantities on hand to the extent possible. Store away from possible sources of ignition. Observe usual precautions relative to static electricity. Avoid oxidizing agents and nitric acid.

Other Precautions

For external use only. Use only as directed.

Section VIII - Control Measures

For routine manufacturing/filling operations, none generally required. For spills, wear an approved self-contained breathing apparatus.

Ventilation	Local Exhaust	Explosion-Proof	Special
	Mechanical(General)	Explosion-Proof	Other

Protective Gloves

Rubber or plastic gloves for bulk quantities.

Other Protective Clothing or Equipment

Safety glasses and protective clothing for bulk quantities.

Work/Hygienic Practices

OSHA hazard classification: Combustible

DOT classification:

Bulk - Combustible Liquids, N.O.S.

(cyclomethicone/cyclopentasiloxane/cyclohexasiloxane)

NA 1993 PG III

Finished Product - Not regulated
