



Material Safety Data Sheet

MSDS No: 437792
Version 01.0

Creation Date: 11/11/2011
Revision Date: 05/02/2012

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Smooth 'N Shine Silk 'N Sleek Straighten Polisher
Product Use: Hair Treatment
Product Number: 60785
Company Address:
Schwarzkopf & Henkel, Div of Henkel Consumer Goods, 1063 McGaw Ave, Suite 100, Irvine, CA 92614-5506 USA
Contact Information:
Medical Emergencies: 1-888-689-9082 CHEMTREC: 1-800-424-9300 (24 hours daily)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION:

This product is a viscous liquid with a floral odor. Direct contact with eyes causes irritation. May be harmful if swallowed. Avoid contact with eyes. Keep away from heat, sparks and flame. No significant environmental effects. Product is flammable. Product is stable. Keep out of reach of children.

Regulatory Status:

This product is considered to be hazardous under OSHA's Hazard Communication Standard (29 CFR 1900.1200). This MSDS includes valuable information that is critical for safe handling and proper use of this product.

Potential Health Effects

Eye Contact: It may cause moderate irritation if not rinsed promptly.
Skin Contact: Prolonged exposure may cause irritation.
Ingestion: May be harmful if swallowed. Ingestion of large amounts may cause abdominal discomfort, nausea or vomiting.
Inhalation: Inhalation of product mists results in irritation of the respiratory tract.
Chronic Health Effects: Due to the nature and composition of this product no subchronic/ chronic health effects are anticipated.
Existing Conditions Aggravated by Exposure: Pre-existing skin conditions.

Potential Environmental Effects: See section 12. Ecological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Based on our hazard evaluation, the following chemical substance(s) in this product have been identified as hazardous.

Hazardous Components	CAS NUMBER	w/w %
Cyclopentasiloxane	541-02-6	60 – 100
Polydimethylsiloxane	70131-67-8	5 – 10
Cyclohexasiloxane	540-97-6	1 – 5

4. FIRST AID MEASURES

Eye Contact: In case of contact with eyes rinse with plenty of water. Get medical attention if irritation appears.
Skin Contact: Wipe off and flush area with water. Get medical attention if irritation persists.
Ingestion: Dilution by rinsing the mouth and giving water or milk to drink is generally recommended. If irritation persists, get medical attention.
Inhalation: No particular measures required. Move to fresh air if irritation develops.
Notes to Physician: The physician's judgment should be used to control symptoms and clinical condition based on the individual reactions of the patient.

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5. FIRE FIGHTING MEASURES

Flammable Properties:

Flash point:	Flash Point: 133 °F (56.1 °C) (PMCC ASTM D-93)
Flame projection:	Not available
Autoignition temperature:	Not available
Flammable/Explosive limits - lower:	Not available
Flammable/Explosive limits - upper:	Not available
Hazardous combustion products:	Oxides of carbon and oxides of nitrogen, silicon dioxide.

Fire and Explosion Hazard

Mixture is a flammable liquid. Vapors are heavier than air and may travel to an ignition source. Containers may rupture and release flammable liquids.

Extinguishing Media

Alcohol resistant foam, dry chemical or carbon dioxide. For larger fires, flood with fine water spray or alcohol-resistant foam.

Protection of Firefighters

Shut off all ignition sources. Move containers from fire area if you can do it without risk. Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Use flooding amounts of water as fog. Cool product containers with flooding amounts of water from as far a distance as possible. Avoid breathing vapors; keep upwind. As with any flammable chemicals, in the event of overheating or direct flame contact, evacuate the area to minimize fire hazards.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Wear skin, eye and respiratory protection as recommended in Section 8. Shut off ignition sources. Stop leak if you can do it without risk. Use water spray to reduce vapors. Isolate area until vapors have dispersed. No smoking, flames or flares in hazard area! Keep unnecessary people away; isolate hazard area and deny entry. Ventilate closed spaces before entering. Stay upwind; keep out of low areas.

Environmental Precautions:

Small or household quantities may be disposed in regular domestic trash. For larger quantities check with your local disposal authorities.

Methods for Containment and Clean Up:

SMALL SPILLS: Contain and absorb with sand or other non-combustible absorbent material and place into containers for later disposal. Wash site of spillage thoroughly with water. LARGE SPILLS: Dike far ahead of spill to prevent further movement. Recover by pumping or by using a suitable absorbent material and place into containers for later disposal. Dispose in suitable waste container.

7. HANDLING AND STORAGE

Handling:

Do not get in eyes, on skin, on clothing. Do not take internally. Use with adequate ventilation. Keep the containers closed when not in use. Have emergency equipment (for fires, spills, leaks, etc.) readily available.

Storage:

Flammable liquid. Store in original containers in a cool dry area (5°C – 25°C). Store away from excessive heat and incompatible substances. Storage areas for large quantities (warehouse) should be well ventilated. Keep the containers tightly closed when not in use. Observe all federal, state and local regulations when storing or disposing of this substance.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

The use of this product by consumers is safe under normal and reasonable foreseen use. The information provided below refers to the occupational settings.

Worker Exposure Limits

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Ingredient	ACGIH TLV	OSHA PEL	AIHA WEEL	NIOSH
Decamethylcyclopentasiloxane (Dow Corning): 10 ppm	N/A	N/A	N/A	N/A

Engineering Controls:

No special engineering controls apply for the finished product. Contact the safety coordinator for any specific ingredient exposure limit that may apply at the occupational settings. Provide local exhaust or general dilution ventilation to keep exposure to airborne contaminants below the permissible exposure limits where mists or vapors may be generated.

Respirator:

Air contamination monitoring should be carried out where mists or vapors are likely to be generated, to assure that the employees are not exposed to airborne contaminants above the permissible exposure limits. If respiratory protection is required, it must be based on the contamination levels found in the workplace, must not exceed the working limits of the respirator and be jointly approved by the National Institute for Occupational Safety and Health and the Mine Safety and Health Administration (NIOSH-MSHA).

For fire fighting or other immediately dangerous to life or health conditions:

Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode.

Clothing: Protective clothing is required where repeated or prolonged skin contact may occur.

Gloves: Protective gloves are required where repeated or prolonged skin contact may occur.

Eye/face Protection: Splash-proof safety glasses are required to prevent eye contact where splashing of product may occur.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear
Physical state:	Viscous Liquid
Odor:	Characteristic
Odor threshold:	Not available
Boiling point/range:	Not available
Evaporation rate:	Not available
Melting point/ range:	Not available
Partition coefficient (n-octanol/water):	Not available
pH:	Not applicable
Solubility in water:	Miscible
Specific gravity:	0.950 – 0.970
Vapor density:	Not available
Vapor pressure:	Not available
Viscosity:	3,500 – 7,500 mPa (Brookfield)
Flammable properties:	See section 5

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal ambient temperature (70°F, 21°C) and pressure (1 atm).

Conditions to Avoid: Avoid contact with incompatible substances, excessive heat, flames or other ignition sources. Do not permit physical damage or overheating of containers.

Incompatible Materials: Strong oxidizers and combustible materials.

Hazardous Decomposition Products: Thermal decomposition may release toxic and/or hazardous gases including oxides of carbon and nitrogen; hydrocarbons and derivatives.

Possibility of Hazardous Reactions: Hazardous polymerization has not been reported to occur under normal temperatures and pressures.

11. TOXICOLOGICAL INFORMATION

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Product Information Summary:

This product is a personal care or cosmetic product. The use of this product by consumers is safe under normal and reasonable foreseen use. Direct contact with eyes may cause irritation. Ingestion of large quantities may be harmful. Repeated or prolonged excessive exposure with skin may cause irritation or dermatitis. Breathing high vapor concentrations may produce anesthetic effects, nausea, dizziness, headache.

Component Analysis: The following toxicity information is for the hazardous ingredient(s) when used as technical grade and is provided as reference for the occupational settings.

INGREDIENT	LD50 / DRAIZE SCORE	TOXICITY / IRRITATION RATING
ACUTE ORAL TOXICITY Cyclopentasiloxane	> 5000 mg/kg (rat)	Practically Non-hazardous

Sensitization: This product is not considered a skin or respiratory sensitizer.

Carcinogenicity: None of the ingredients in this product are listed as carcinogens by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP) or the Occupational Safety and Health Administration (OSHA).

Mutagenicity: None of the ingredients in this product are known to cause mutagenicity.

Reproductive/Fetal/Developmental Effects: None of the ingredients in this product are known as reproductive, fetal, or developmental hazards.

Target Organ Toxicity: None of the ingredients in this product are known to have target organ toxicity.

Epidemiological Information: None of the ingredients in this product are known to have health-related information in working populations.

12. ECOLOGICAL INFORMATION

This product is anticipated to be safe for the environment at concentrations predicted in household settings under normal use conditions.

Environmental Fate: No environmental fate data exists for the product. The product is anticipated to be rapidly biodegradable.

Persistence and Degradability: The product is anticipated to be rapidly biodegradable.

Bioaccumulation Potential: The product does not have a bioaccumulation potential.

Mobility: The mobility of this product (in soil and water) has not been determined.

13. DISPOSAL CONSIDERATIONS

Waste Number and Description: D001 (ignitable).

Disposal Considerations

Disposal of Product: This product is a RCRA hazardous waste and can be disposed of in accordance with federal, state and local regulations.

Disposal of Packages: Do not reuse this container.

Additional Information: Observe all federal, state and local regulations when storing or disposing of this substance.

14. TRANSPORT INFORMATION

DOT Transportation of Dangerous Goods - Ground

DOT Hazard Class: ORM-D

Packing Group: II

DOT Proper Shipping Name: Consumer Commodity

Shipping Label Information: Miscellaneous 9

Flammable liquid (Liters and smaller are classed as Consumer Commodity ORM-D except when shipped by air)

International Air Transportation (ICAO/IATA)

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ICAO/IATA Hazard Class: ID 8000
ICAO/IATA Proper Shipping Name: Consumer Commodity

Packing Group: II
Shipping Label Information: Miscellaneous 9

Water Transportation (IMO/IMDG)

IMO/IMDG Hazard Class: 3
IMO/IMDG UN Number: UN 1993 Flammable Liquid N.O.S.
(Cyclopentasiloxane)

Packing Group: II
Shipping Label Information: Limited Quantities

If the quantity being shipped exceeds the Limited quantity or Maximum Net Quantity requirements as stated in IATA/IMDG/DOT/CFR49 and/or is NOT RETAIL Packed the item (s) classification will shift to a more specific proper shipping name and classification. Please refer to IATA/IMDG/DOT/CFR49 regulations and/or contact S&H Transportation representative.

15. REGULATORY INFORMATION

Occupational Safety and Health Act:

Hazard Communication Rule, 29 CFR 1910.1200: The Occupational Safety and Health Administration (OSHA) require Material Safety Data Sheets (MSDSs) to provide information about any hazard that may be associated with the product and make this information available in the workplace. Since the use pattern and exposure in the workplace are generally not consistent with those experienced by consumers, this MSDS may contain health hazard information not relevant to consumer use.

United States Regulatory Information

Food and Drug Administration (FDA):

This product is regulated as a cosmetic under the Food and Drug Administration.

Federal Regulations

TSCA 8 (b) Inventory Status:

All components of this product are either listed on or exempt from the U.S. Toxic Substances Control Act (TSCA) chemical substance inventory.

CERCLA/SARA Section 302 EHS:

Not available

CERCLA/SARA Section 311/312:

Cyclopentasiloxane/ Cyclohexasiloxane: Acute Health Effects, Fire.

CERCLA/SARA 313:

Not applicable - Consumer product.

State Regulations

California Proposition 65:

This product does not contain substances listed under California Proposition 65.

Canada Regulatory Information

Canadian Environmental Protection Act:

Inventory Status:

Some components of this product are not listed on the Canadian Domestic Substances List (DSL) nor the NDSL.

Health Canada:

This product is regulated as a cosmetic product under the Cosmetics Programme.

Worker Hazardous Materials Information System:

WHMIS Classification:

Flammable Liquid

16. OTHER INFORMATION

DISCLAIMER: The information contained herein is provided in good faith and is believed to be correct as of the date hereof. However, Schwarzkopf & Henkel makes no representation as to the comprehensiveness or accuracy of the information. It is expected that individuals receiving the information will exercise their independent judgment in determining its appropriateness for a particular purpose. Accordingly, Schwarzkopf & Henkel will not be responsible for damages of any kind resulting from the use of or reliance upon such information. No representations, or warranties, either expressed or implied of merchantability, fitness for a particular purpose or of any other nature is made hereunder with respect to the information set forth herein or to the product to which the information refers.

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NFPA RATINGS (Scale 0-4, where 4=high degree of hazard):
HMIS RATINGS (Scale 0-4, where 4=high degree of hazard):

HEALTH=1 FLAMMABILITY=3 REACTIVITY=0
HEALTH=1 FLAMMABILITY=3 REACTIVITY=0