

MATERIAL SAFETY DATA SHEET

SECTION I

Material Identification & Hazard Components

Trade Name Appearing on Label:	Flash Dry Drop	Chemical Name: Solvent
Manufacturer/Distributor/Importers:	Orly International, Inc. 7710 Haskell Ave Van Nuys, CA 91406	Written by: Dan Werner Sr. R&D Chemist Updated: 12/26/13
Emergency Phone:	(800) 424-9300	
Business Phone:	(818) 994-1001	
Poison Control Center - CHEMTREC: (800) 424-9300		
Poison Control Center - CHEMTREC International: (703)527-3887		

SECTION II

Potentially Hazardous Ingredients

Chemical Identity	%	CAS Number	OSHA (PEL)	Exposure Limits in Air	
				ACGIH (TLV)	Other
Disiloxane	82.50	107-46-0			
Cyclopentasiloxane	15.00	541-02-6			

SECTION III

Hazard Identification

HMIS Rating Scale: 0 = Minimal 1 = Slight 2 = Moderate 4 = Severe

This Products Rating: Health: 1 Flammability: 4 Reactivity: 0

Material Appearance: Clear colorless liquid

Primary Route of Entry: Inhalation X Skin X Ingestion X

Ingredient(s) Listed as Cancer Causing Agents?:

NTP - no LARC Monographs - no OSHA - no

Target Organ(s) Affected: Central Nervous System, Intoxicating

Short Term Effect: Inhalation of a large quantity over a prolonged period of time may be narcotic. Ingestion of liquid will cause gastrointestinal distress, irritation and nausea.

Eyes: Exposure of liquid or vapor may cause mild eye irritation. Symptoms may include stinging, tearing and/or redness.

Skin: Exposure may cause skin irritation. Prolonged or repeated exposure may dry the skin. Symptoms may include burning, drying, cracking, skin burn and/or skin damage.

This MSDS is Designed For Use in the Professional Salon

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Signs and Symptoms of Over-Exposure: Burning, tearing, and redness of the eyes, irritation of the nose and throat, skin irritation, signs of nervous system depression (e.g., drowsiness, dizziness, loss of coordination and/or fatigue).

Medical Conditions Generally Aggravated by Exposure: Respiratory symptoms associated with pre-existing lung disorders (e.g., asthma-like conditions) may be aggravated by exposure to the vapors of this material. Persons with pre-existing skin disorders may be more susceptible to the effects of this material.

SECTION IV

First Aid Measures

Eye Contact: Flush eyes with large amounts of water for at least fifteen minutes. If irritation persists, contact physician.

Skin Contact: Wash exposed area with soap and water.

Inhalation: If dizziness occurs, move person away from source of exposure and into fresh air. Give oxygen if breathing is labored. Contact a physician immediately.

Ingestion: Seek medical attention. If person is drowsy, remove to fresh air. Only induce vomiting if directed by physician. If vomiting occurs spontaneously, keep head below hips to prevent aspiration into the lungs.

SECTION V

Fire Fighting Measures

Flash Point: -1 C (Closed cup)

Flammable Limits: LOWER: 1.0%; UPPER: 38.0%

Extinguishing Media: Foam, dry chemical or carbon dioxide

Special Fire Fighting Procedure:

Use supplied breathing air and protective clothing.
Highly flammable.

Unusual Fire and Explosion Hazard:

Vapors form explosive mixtures with air.
Vapors may travel considerable distance to source of ignition and flash back.

SECTION VI

Accidental Release Measures

Spill and Leak Procedures: Stop leak if it can be done without risk.
Confine Spillage. Use absorbent material. Place into disposal drums.
Confine spillage, use absorbent material and place into disposal drums.
Dispose according to local, state and federal regulations.

SECTION VII Handling and Storage

PRECAUTION TO BE TAKEN IN HANDLING AND STORING:

- Keep container closed when not in use.
- Store in cool place.
- Keep away from heat, sparks and flame.
- Do not lay the container on its side.
- Use with proper ventilation.
- Avoid prolonged breathing vapor.
- Avoid contact with eyes and prolonged or repeated skin contact.
- Static electricity may accumulate and cause a fire hazard.
- Keep out of reach of children.

*****Information about the empty container*****

- Do not re-use the container.
- The container will be hazardous when emptied.
- Residues will be explosive and flammable.
- Keep away from heat, sparks and flame.
- Do not puncture or cut the container, and do not weld on or near the container.

SECTION VIII Exposure Controls and Personal Protection

When using this product in small quantities in beauty salons, the use of proper ventilation is recommended.

When working with large quantities:

Personal Protective

Equipment (PPE)

- Eyes and Face: Face shield with safety glasses or safety goggles
- Skin: Rubber or neoprene gloves. Wear additional clothing to protect the skin.

Engineering Controls: Closed system Filling Equipment. Use ventilation or exhaust during operations.

SECTION IX Physical and Chemical Properties

- Boiling Point:** 100 C
- Vapor Pressure:** 35 mmHg (25 C)
- Vapor Density:** 5.6
- Specific Gravity:** 0.760 (25 C)
- Melting Point:** -68 C
- Evaporation Rate:** >1 (Butyl Acetate=1)
- Solubility in Water:** Not soluble (<1ppm)

SECTION X Stability and Reactivity

- Chemical Stability:** This product is stable under the recommended storage conditions.
- Conditions to avoid:** Storage in temperatures above 30 C. Keep away from any ignition sources. Keep containers tightly closed.

Hazardous Decomposition or By-Product:

Thermal breakdown of this product during fire or very high heat condition may evolve the following hazardous decomposition products: Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide.

Hazardous Polymerization: will not occur.

SECTION XI Toxicological Information

- Sub acute Toxicity:** Dose of high concentration may develop increased organ weight in small animals.
- Chronic Toxicity:** No information is available.
- Carcinogenicity:** NTP: not listed, OSHA REGULATED: not listed.

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Mutagenicity: No evidence of mutagenicity.
 Other Information: None.

SECTION XII Ecological Information

Biodegradation: No evidence of biodegradation.
 Bioaccumulation: May cause bioaccumulation.
 Aquatic Toxicology: NOEL (Fathead minnow): 200-900ppb
 Other Information: Vapor undergoes indirectly photolysis in the troposphere.

SECTION XIII Disposal Considerations

Can be burned in chemical incinerator equipped with afterburner and scrubber but exert extra care in igniting as this product is very flammable.
 Do not dispose of the emptied container unless the contents have been completely removed and container has been flushed with a clean neutral solvent and then dried up.
 Do not dispose the emptied container unlawfully.
 Observe all federal, state, and local laws.

SECTION XIV Transport Information

<IMO INFORMATION>

ID No.: UN 1993
Classification & Class: Flammable Liquids / Class 3.2
Packaging Group: II
Proper Shipping Name: Flammable Liquids, N.O.S.
Technical Shipping Name: Organosiloxane
Marine Pollutant: None

<DOT INFORMATION>

IN No. (49CFR 172.101): UN 1993
Hazard Class: 3, Flammable Liquid
Packaging Group: II
Proper Shipping Name: Flammable Liquids, N.O.S.
Technical Shipping Name: Organosiloxane

SECTION XV Regulatory Information

Toxic Substance Control Act (TSCA) Status: Listed on the TSCA Inventory.

EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES (EINECS) STATUS:

Listed on the EINECS.

LABELING ACCORDING TO THE EC-REGULATIONS REQUIRED;

Symbol: F
R-Phase: (R-11) Highly Flammable
S-Phase: (S-7/9) Keep container tightly closed and in a well-ventilated place.
 (S-16) Keep away from sources of ignition - No smoking
 (S-51) Use only in well-ventilated areas.

CONTAINS: Disiloxane 80-90%, Cyclopentasiloxane 10-15%

SECTION XVI

Other Information

IMPORTANT NOTICE: The information presented herein is based on experimental data submitted by the manufacturers of the raw materials and is considered scientifically correct, however, no warrant or representation, express or implied, is made as to the accuracy or suitability of this information for application to the purchaser's intended purpose or for consequences of its use. Use these materials only as directed. If you have any questions regarding the proper interoperation of this sheet or the meaning of any terms used, we strongly urge you to speak with your physician. For further information concerning product safety and proper use, call the number listed on the front of the MSDS.

*These Products Are Designed and Formulated for Professional Salon Use.
They Must be Used with Adequate Ventilation and in Accordance with Manufacturers Instructions.*

Abbreviations Used:

NE = Not Established

NKn = Not Known

n/a = Not Applicable

C = Ceiling Limit

TS = Trade Secret

EST = Estimated

N/DA = No Data Available

NTP = National Toxicology Program

IRAC = International Agency for Research on Cancer

CHEMTREC = Chemical Transportation Emergency Center

OSHA = Occupational Safety and Health Administration

IPA = Isopropyl Alcohol (Rubbing Alcohol)

mm Hg = Millimeters of Mercury

PEL = Permissible Exposure Limit

TLV = Threshold Limit Value

STEL = Short Term Exposure Limit

NEGL = Negligible

NF = None Found

CAS = Chemical Abstract Service Number

NR = Not Required