



**The LAST Factory**  
2011 Research Dr.  
Livermore, CA 94550

# Safety Data Sheet

Version 1.0

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** Tape Head Treatment

**Product Use Description:** Tape Head Treatment

**Manufacturer/Importer/Distributor:**

The LAST Factory  
Telephone: (925)449-9449  
2011 Research Dr.  
Livermore, CA 94550

## 2. HAZARDS IDENTIFICATION

Not classified as hazardous according to OSHA hazard communication standard 29-CFR-1910-1200

**Emergency Overview**

Irritant in case of skin contact, eye contact, of inhalation, of ingestion.

**Potential Health Effects**

**Skin Contact:** none

**Eye Contact:** Eye contact may cause slight irritation.

**Inhalation:** Inhalation of vapors may cause respiratory tract irritation.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS #	Weight Percent
Proprietary Ingredients	Proprietary	3-10%
Perfluoro Compounds	86508-42-1	90-97%

## 4. FIRST AID MEASURES

**Eye Contact:** No need for first aid anticipated.

**Skin Contact:** No need for first aid is anticipated

**Inhalation:** No need for first aid anticipated. If overcome by exposure, remove affected person to fresh air.

**Ingestion:** Rinse mouth. If you feel unwell, get medical attention.

Do not give anything by mouth to an unconscious person.

## 5. FIRE FIGHTING MEASURES

**Flash Point:** No Flash Point

**Autoignition Temperature:** Not Applicable

**Fire Hazard:** Non-flammable

**Unusual Fire and Explosion Hazard:** Contact with aluminum or zinc in a pressurized system may generate hydrogen gas which could create an explosion hazard. No unusual effects are anticipated during fire extinguishing operations. Avoid breathing the products and substances that may result from the thermal decomposition of the product or the other substances in the fire zone.

## 6. ACCIDENTAL RELEASE MEASURES

Collect spilled material with absorbent material.

Spilled material may evaporate safely

Clean thoroughly with soap and water.

## 7. HANDLING & STORAGE

**Handling/Storage Precautions** - Store in original container where inaccessible to small children. Keep securely closed. Keep container in a well ventilated area.

**Work Practices** - Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Do not breathe thermal decomposition products.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Respiratory System protection:** None required, when adequate ventilation available.

**Skin and body protection:** None required.

**Hand protection:** None required.

**Eye protection:** Avoid eye contact, use safety glasses with side shields.

## 9. PHYSICAL & CHEMICAL PROPERTIES

**Physical state and appearance:** Liquid

**Color:** Clear

**Upper / Lower Flammability limits:** Not Applicable

**Odor:** Slight

**Vapor Pressure:** Approximately 50.6 mm Hg @ 20°C

**Vapor Density:** 14 [Ref Std AIR=1]

**pH:** 7

**Relative Density:** Not Available

**Melting point:** Not Applicable

**Solubility in water:** Nil

**Initial boiling point:** 95°C

**Flash point:** No Flash Point

**Evaporation rate:** 1 (Ref Std: BuAc=1)

**Flammability:** Not Applicable

**Auto-ignition temperature:** Not Applicable

**Decomposition Rate:** Not Available

**Viscosity:** 0.8 cS

## 10. STABILITY & REACTIVITY DATA

**Stability:** Stable under normal conditions.

**Reactivity:** Not reactive

**Corrosivity:** Not corrosive

**Conditions to avoid:** High heat

**Materials to avoid:** finely divided active metals

**Polymerization:** Will not occur

**Decomposition:** Hydrogen Flouride and Perfluoroisobutylene at temperatures greater than 200°C

## 11. TOXICOLOGICAL INFORMATION

**Routes of Entry:** Absorbed through skin, eye contact, inhalation, ingestion.

**Toxicity to Animals:** None known.

**Chronic Effects:** No known chronic effects or carcinogenic effects.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity effects**

**Aquatic toxicity:** No data is available on the product itself.

**Toxicity to other organisms:** No data available.

**Persistence and degradability**

**Biodegradability:** According to the results of tests of biodegradability this product is considered readily biodegradable.

**Mobility:** No data available.

**Bioaccumulation:** Does not bioaccumulate

## 13. DISPOSAL CONSIDERATIONS

Absorb into absorbent cloth, dispose as a solid waste.

## 14. TRANSPORT INFORMATION

**Shipping Class:** Not regulated by DOT

## 15. REGULATORY INFORMATION

**California Prop 65:** This product does not contain any chemicals known to State of California to cause cancer, birth defects or any other harm.

**311/312 Hazard Categories:** Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No Immediate Hazard - No Delayed Hazard - No

## 16. OTHER INFORMATION



Health: 0

Flammability: 0

Reactivity: 0

Special Hazard: 0