

Safety Data Sheet

Version 001

Date July 10, 2020

SECTION 1. Identification of the substance and of the company/undertaking.

1.1. Product identifier.

Product name: Soft Tip Applicator

Code: S01-L150B80D

1.2. Relevant identified uses of the substance or mixture and uses advised against.

Intended use: Sample collection and release

1.3. Details of the supplier of the safety data sheet.

Name: OPT Industries, Inc.

Full address: Suite 9, 1035 Cambridge St. Cambridge MA 02141 USA

Tel. 857-310-8711

Email: Liangqi@optindustries.com

1.4. Emergency Contact.

For urgent inquiries refer to (+1)-857-310-8711

SECTION 2. Hazards identification.

2.1. Classification of the substance or mixture.

The product is not classified as hazardous pursuant to the provisions set forth in OSHA Hazard communication Standard (HCS) (29 CFR 1910.1200)

Hazard pictograms: N/A

Signal words: N/A

Hazard statements: N/A



Precautionary statements: N/A

SECTION 3. Composition/information on ingredients.

3.1. Substances.

The product does not contain substances classified as being hazardous to human health or the environment pursuant to the provisions set forth in OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200).

3.2. Mixtures.

Not applicable.

SECTION 4. First aid measures.

4.1. Description of first aid measures.

Practice of good industrial hygiene is recommended.

4.2. Most important symptoms and effects, both acute and delayed.

Information not available.

4.3. Indication of any immediate medical attention and special treatment needed.

Information not available.

SECTION 5. Firefighting measures.

5.1. Extinguishing media.

SUITABLE EXTINGUISHING EQUIPMENT

Carbon dioxide, foam, powder, and water spray.

UNSUITABLE EXTINGUISHING EQUIPMENT

Information not available.

5.2. Special hazard arising from the substance or mixture.

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products.

5.3. Advice for firefighters.

GENERAL INFORMATION

Use jets of water to cool the containers of the products. Avoid breathing in the combustion products or products arisen from overheated products for concerns of potential hazardous effects on health. Always wear full fire prevention gear. Take measures to prevent the extinguishing water from draining into the sewer system. Dispose of contaminated water used for extinction and remains of the fire according to applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS

Normal firefighting clothing including fire kit, gloves, and boots in combination with self-contained open circuit positive pressure compressed air breathing apparatus.

SECTION 6. Accidental release measures.

6.1. Personal precautions, protective equipment, and emergency procedures.

Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.

6.2. Environmental precautions.

The product must not penetrate into the sewer system or come into contact with surface water or groundwater.

6.3. Methods and material for containment and cleaning up.

Confine with inert materials such as earth. Collect as much material as possible and eliminate the rest with jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in Section 13.

6.4. Reference to other sections.

Any information on personal protection and disposal is given in Section 8 and 13.

SECTION 7. Handling and storage.

7.1. Precautions for safe handling.

Consult all the other sections of this SDS before handling the product. Do not eat, drink or smoke during use. Avoid leakage of the product into the environment.

7.2. Conditions for safe storage, including any incompatibilities.

Keep the product in clearly labelled containers. Avoid direct sunlight. Store in dry and well ventilated areas. Do not heat the product. Keep the containers away from any incompatible materials as listed in Section 10.

7.3. Specific end uses.

Contact the manufacturer for product instructions.

SECTION 8. Exposure Control/personal protection.

8.1 Control parameters.

Information not available.

8.2 Exposure controls.

Comply with the good hygiene practice for similar products.

HAND PROTECTION

Not required.

SKIN PROTECTION

Not required.

EYE PROTECTIONS

Not required.

RESPIRATORY PROTECTION

Not required, unless indicated otherwise in the chemical risk assessment.

ENVIRONMENTAL EXPOSURE CONTROLS.

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance:	solid.
Color:	semi-transparent light black.
Odor:	slight characteristic.



Odor threshold: information not available.
pH: N/A.
Melting point: information not available.
Boiling point: information not available.
Flash point: information not available.
Flammability: information not available.
Vapor pressure: information not available.
Relative density: information not available.
Auto-ignition temperature: information not available.
Explosive properties: information not available.
Oxidizing properties: information not available.

9.2. Other information

Solid content: 100.00%.

SECTION 10. Stability and reactivity.

10.1. Reactivity.

There are no known risks of reacting with other substances in normal conditions of use.

10.2 Chemical stability.

The product is stable in the storage conditions specified in Section 7.

10.3 Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid.

Avoid exposing the product to high temperature or high humidity. Usual precautions used for chemical products should be respected.

10.5. Incompatible materials.

Information not available.

SECTION 11. Toxicological information.

According to data currently available, this product has not produced any health damages. Precautions, however, must be taken to ensure good handling practices.

11.1. Information on toxicological effects.

No components at concentrations of 0.1% or greater in this product is considered carcinogenic by IARC, ACGIH, NTP, and OSHA. Other information not available.

SECTION 12. Ecological information.

Avoiding disposing the product into waterways or sewers. Avoid contaminating soil or vegetation. Avoid littering. Should leakage to waterways happen, inform the competent authorities.

12.1. Toxicity.

Information not available.

12.2. Persistence and degradability.

Information not available.

12.3. Bioaccumulative potential.

Information not available.

12.4. Mobility in soil.

Information not available.

12.5. Results of PBT and vPvB assessment.

Information not available. On the basis of available data, the product does not contain any PBT or vPvB in concentration greater than 0.1%.

12.6. Other adverse effects.

Information not available.

SECTION 13. Disposal considerations.

13.1. Waste treatment methods.

Disposal must be in compliance with national and local regulations. Solid residues may be suitable for disposal in an authorized landfill or combustion site.

SECTION 14. Transportation information.

14.1. UN number.

N/A.

14.2. UN proper shipping name.

N/A.

14.3. Transport hazard class(es).

N/A.

14.4. Packing group.

N/A.

14.5. Environmental hazards.

N/A.

14.6. Special precautions for user.

N/A.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code.

N/A.

SECTION 15. Regulatory information.

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.

U.S. Federal Regulations.

Clean Air Act Section 112(b):	No component(s) greater than 0.1% listed.
Clean Air Act Section 602 Class I Substances:	No component(s) greater than 0.1% listed.
Clean Air Act Section 602 Class II Substances:	No component(s) greater than 0.1% listed.
Clean Water Act – Priority Pollutants: listed.	No component(s) greater than 0.1% listed.
Clean Water Act – Toxic Pollutants:	No component(s) greater than 0.1% listed.
DEA List I Chemicals (Precursor Chemicals):	No component(s) greater than 0.1% listed.
DEA List II Chemicals (Essential Chemicals):	No component(s) greater than 0.1% listed.
EPA List of Lists:	
313 Category Code:	No component(s) greater than 0.1% listed.
EPCRA 302 EHS TPQ:	No component(s) greater than 0.1% listed.
EPCRA 304 EHS RQ:	No component(s) greater than 0.1% listed.
CERCLA RQ:	No component(s) greater than 0.1% listed.
EPCRA 313 TRI:	No component(s) greater than 0.1% listed.
RCRA Code:	No component(s) greater than 0.1% listed.
CAA 112 (r) RMP TQ:	No component(s) greater than 0.1% listed.

State Regulations.

California:	No component(s) greater than 0.1% listed.
Massachusetts:	No component(s) greater than 0.1% listed.
Minnesota:	No component(s) greater than 0.1% listed.
New Jersey:	No component(s) greater than 0.1% listed.
New York:	No component(s) greater than 0.1% listed.
Pennsylvania:	No component(s) greater than 0.1% listed.

International Regulations.

Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012: None.

Substances subject to the Rotterdam Convention: None.

Substances subject to the Stockholm Convention: None.

Canadian WHMIS.

Information not available.

SECTION 16. Other Information.

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product. This document must not be regarded as a guarantee on any specific product property. The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses. Provide appointed staff with adequate training on how to use chemical products.