LIVINGSTONE INTERNATIONAL PTY LTD
Branches in Sydney, Melbourne, Brisbane and Perth
HEAD OFFICE: Suite 1, Level 9, Building 3, 189 O'Riodan Street
Mascot NSW 2020 AUSTRALIA
EMAIL: sales@livingstone.com.au
WEBSITE: www.livingstone.com.au
PHONE: 1300 548 289
FAX: 1300 780 008
ABN 66 052 001 144

Issue Date: 24/08/2006
Last Revision Date: 13/08/2024
Superseded Date: 29/04/2021
Version Number: 05

SAFETY DATA SHEET

Product Code: MAS3233

SECTION 1 PRODUCT IDENTIFICATION

1.1 **Identification**

Product Name:	Livingstone Twin Nasal Oxygen Cannula
Chemical Name:	Polyvinyl chloride resin
Description:	A range of polyvinyl chloride mixture compounds.
Formula:	Not Applicable
Synonym:	None

SECTION 2 HAZARD IDENTIFICATION

Emergency Overviews

- Pellets with slight odor
- Spilled material may create slipping hazard
- This material is not considered to be hazardous in the solid state.
- During processing, the material is not considered to be hazardous if keeping the temperature under 200℃.
- The processing temperature exceed 200℃ for a long period, Polyvinyl chloride will decompose which will cause eye, skin, and respiratory tract irritation. Severe over-exposure may result in nausea, headache, chills, and fever.
- Molten plastic can cause severe thermal burns

Skin Contact

Normally no effect. The material is inert in the solid state and can be handled using normal industrial hygiene. Wash hands with soap and water before taking food and at the end of shifts.

Fumes evolved during processing

Inhalation of the fumes may cause malaise, eye and respiratory tract irritation. Good ventilation by local fume-extraction is recommended in order to keep employee exposure as low as reasonably practical.

This product is mixtures of compounds, none of which are classified as hazardous in accordance with NOHSC/ASCC Criteria

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

- Polyvinyl chloride
- Phthalates
- Epoxidized soybean oil
- calciumzinc stabilizer

SECTION 4 FIRST AID MEASURES

4.1 Eye Contact

Immediately flush eyes with plenty of water for 15 minutes. Remove contact lenses. Seek medical advice if irritation persists.

4.2 Skin Contact

Remove clothing, any jewelry, when touch the melt material. Wash the area thoroughly with room temperature tap water. Do not remove the cold adhesive from the skin. Seek medical advice

4.3 Inhalation

If inhalation large volume of fumes must immediately leave the place for fresh air and keep breathing. Adopt the oxygen therapy if difficult breathing. Adopt artificial respiration if breath stops. Seek medical advice

4.4 Ingestion

First aid not normally required.

SECTION 5 FIRE FIGHTING MEASURES

5.1 Flammable Properties

Flash Point-Closed Cup: Not determined.

Flash Point-Open Cup：Not determined.

Auto ignition Temperature: Will not self-igniting without fire

5.2 Extinguishing Media

Extinguish fires with water spray or carbon dioxide or all-purpose-type foam by manufacturer's recommended techniques for large fires. Use carbon dioxide or dry chemical media for small fires.

5.3 Special Protective Equipment For Firefighters

Use self-contained breathing apparatus and protective clothing.

5.4 Fire and Explosion hazards

Explosionand Dust and fume produced by fire may result in the irritation of the eyes and respiratory tract irritation.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Steps to be taken if material is released or spilled:
Sweep up and collect in suitable container for disposal or recycling.

6.1 Personal Precautions: Wear suitable protective equipment.
6.2 Environmental Precautions: To prevent littering, avoid releases to surface waters.

SECTION 7 HANDLING AND STORAGE

7.1 Handling

- General Handling
- Do not handle or empty bag or liner in presence of flammable vapor
- Keep container closed and water-proof
- Use with adequate ventilation
- For industry use only

7.2 Storage

Products should be stored in well-ventilated warehouse with dry atmosphere at ambient temperature.
The effective date would be 12 months after the manufacture date.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

A continuous supply of fresh air to the workplace together with removal of processing fumes, dust and vapor through exhaust systems is recommended

8.1 Respiratory Protection

Not required under normal conditions of use. Under typical circumstances need breathing apparatus.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.2 Protective Gloves

Required when working with hot melt and hot machinery

8.3 Eye Protection

Not required under normal conditions of use. Under some specific circumstances, may need safety spectacles. Keep environment well-ventilated.

SECTION 9 PHYSICAL/CHEMICAL PROPERTIES

Appearance:	**Form:**	**Solid**
	Solubility in Water:	Not determined
	Odor:	Negligible odor
	Color:	Transparent

Physical and Safety Data:

Density	1.20-1.24g/cm^3
Percent Volatiles:	≤1.0 Wt%
Ignition Temperature:	N/A
Auto-ignition Temperature:	N/A
Vapor Pressure at 20°C:	N/A
Melting Point:	N/A

SECTION 10 STABILITY AND REACTIVITY

Stability

Stable – Avoid temperatures above 180℃. Prolonged exposure to temperatures over 180℃ may cause product decomposition. Overexposure to the decomposition products may result in headache, nausea, and irritation of the eyes, skin and respiratory tract. Local exhaust ventilation is recommended for control of airborne dust, fumes and vapor.

Thermal Decomposition Products

Carbon monoxide
Carbon dioxide
Hydrogen chloride

Hazardous Polymerization

Will not occur

Inhibitors/Stabilizers N/A

SECTION 11 TOXICOLOGICAL INFORMATION

Not toxic

SECTION 12 ECOLOGICAL INFORMATION

12.1 Environmental Fate

Degradation of polyvinyl chloride resin is not anticipated under environmental exposure conditions.

12.2 Ecotoxicity

Not known.

SECTION 13 DISPOSAL CONSIDERATIONS

Dispose in accordance with all applicable Federal, State, and local environmental regulations. Empty containers should be recycled or disposed of through an approved waste management facility.

SECTION 14 TRANSPORT INFORMATION

No legal requirements.

SECTION 15 REGULATORY INFORMATION

This product and components are not controlled product and not classified as hazardous according to NOHSC/ASCC Criteria.

Issue Date: 24/08/2006
Last Revision Date: 13/08/2024
Superseded Date: 29/04/2021
Version Number: 05

SAFETY DATA SHEET

SECTION 16 OTHER INFORMATION

The purpose of this sheet is to supply information about health and safety and it should not be treated as a specification for product properties.

Reason for Revision: To bring to date

END OF SDS