



SAFETY DATA SHEET

1. Identification of the Substance and Company

Indicator Tapes

Steam - 1", 60 Yard Roll #260010

EO Gas - 1", 60 Yard Roll #410100

Product No.

MSDS No. S115

Use: Steam and Ethylene Oxide Sterilization Indicator Tapes

Prepared by: M. Ebers

asksteris_msds@steris.com

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NFPA 704 HAZARD RATING:

HEALTH: 1

FIRE: 0

REACTIVITY: 0

STERIS Corporation, P. O. Box 147, St. Louis, MO 63166, US
Emergency Telephone No. 1-314-535-1395 (STERIS); 1-800-424-9300 (CHEMTREC)
Telephone Number for Information: 1-800-548-4873 (Customer Service-Healthcare Products)

STERIS Limited, Chancery House, 190 Waterside Road, Hamilton Industrial Park, Leicester,
LE5 1QZ, UK

Emergency Phone No: +44 (0) 1895 622 639

Product/Technical Information Phone No: +44 (0) 116 276 8636

2. Hazards Identification

Steam Tapes contain inorganic lead, which is considered as a possible carcinogenic and may cause reproductive harm. Product contains dry natural rubber.

Normal usage, however, does not present a health hazard or safety risk since the lead compound is encased and bound by two elastomeric coatings.

3. Composition/Information on Ingredients

Hazardous Component(s)	% By Wt.	CAS No.	EU No.	Symbol	R Phrase	Oral LD ₅₀	LC ₅₀
Saturated creped paper	40 to 70	NA	NA	ND	ND	ND	ND
Adhesive Natural Rubber/hydrocarbon resin	30 to 60	NA	NA	ND	ND	ND	ND
Sulfur	.05 to 1.5	7704-34-9	231-722-6	X _i	R38	ND	ND
Lead carbonate hydroxide	1 to 5	1319-46-6	215-290-6	ND	ND	ND	ND
Binder	1 to 5	9011-53-4	NA	ND	ND	ND	ND

4. First Aid Measures

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. Contact a physician.

Skin Contact: Immediately flush skin with plenty of water for at least 15 minutes. Call a physician if irritation occurs. May cause skin irritation after prolonged exposure with adhesive side to skin.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and call a physician.

Ingestion: If swallowed, give milk or water to dilute material. DO NOT induce vomiting. Call a physician.

5. Fire-Fighting Measures

Conditions of Flammability/Flash Point/Auto-ignition Temperature: NA

Upper Flammable Limit: NA **Lower Flammable Limit:** NA

Special Hazards: NA

Explosion Data: Produces dense black smoke if burned.

Extinguishing Media: Water, dry chemical, foam, CO₂

Special Fire Fighting Procedures: Wear appropriate protective equipment including respiratory protection as conditions warrant.

Hazard Combustion Products: NA

6. Accidental Release Measures: ND

7. Handling and Storage

7.1 Handling: Wear appropriate protective equipment including respiratory protection as conditions warrant.

7.2 Storage: Controlled Room Temperature, 15-30°C

8. Exposure Control/Personal Protection

8.1 Occupational Exposure Limits: ND

8.2 Personal Protection/Respirator Protection/Eye Protection/

Protective Gloves/Other Protective Clothing and Equipment: Wear appropriate protective equipment including respiratory protection as conditions warrant.

Engineering Controls/Ventilation: ND

9. Physical and Chemical Properties

Solubility in Water: Negligible, less than 0.1% **Specific Gravity:** ND

Physical State/Appearance/Odor: ND **pH:** ND

Odor Threshold: ND **Vapor Pressure:** NA

Vapor Density: ND **Evaporation Rate:** ND

Boiling Point: NA **Freezing Point:** ND

Coefficient of Water/Oil Distribution: ND

10. Stability and Reactivity

Stability: ND

Hazardous Polymerization: ND

Incompatible Materials: ND

Conditions to Avoid/Conditions of Reactivity: Exposure to temperatures in excess of 200°C causes decomposition.

Hazardous Decomposition or Byproducts: ND

11. Toxicological Information

11.1 Acute (Primary Routes of Exposure)

Eyes (Irritancy): ND

Skin (Irritancy or Sensitization): May cause skin irritation after prolonged exposure with adhesive side to skin.

Inhalation: ND **Ingestion:** ND

11.2 Long Term Exposure

Carcinogenicity/Reproductive Toxicity/Teratogenicity/Mutagenicity/Toxicologically Synergistic Products:

Steam Tape contains inorganic lead, which is considered as a possible carcinogenic and may cause reproductive harm. Product contains dry natural rubber. Normal usage, however, does not present a health hazard or safety risk since the lead compound is encased and bound by two elastomeric coatings.

12. Ecological Information: ND

13. Disposal Considerations: ND

14. Transport Information:

Ground: ND **Shipping Name:** ND

Sea: IMDG Class: ND

Air: ICAO/IATA Class: ND

15. Regulatory Information

EU Regulations: This preparation is classified as dangerous as defined by the UK Chemicals (Hazard Information and Packaging for Supply) Regulations. These regulations implement a number of EC Directives including the Dangerous Substances Directive (67/548/EEC and amendments), the Dangerous Preparations Directive (88/379/EEC and amendments) and the Safety Data Sheets Directive (91/155/EEC and amendment).

EEC Classification: Irritant

Hazard Symbol: X_i

Risk Phrases: R38: Irritating to skin.

Safety Phrases: S2: Keep out of reach of children. S46: If swallowed seek medical advice immediately and show the container or label.

USA State Regulations: This product contains trace levels of a compound or components known to the state of California to cause cancer or reproductive toxicity.

WHMIS Classification: These products are not "controlled products" according to Canadian WHMIS legislation.

16. Other Information

The information on this sheet is not a specification and does not guarantee specific properties. The information is intended to provide general knowledge as to health and safety based upon our knowledge of the handling, storage and use of the product. It is not applicable to unusual or non-standard uses of the product or where instruction or recommendations are not followed.

NA - Not Applicable ND - No Data