

MATERIAL SAFETY DATA SHEET

Finished Product



Date-Issued: 10/14/2004
MSDS Ref. No: NTE 47-XXXX Series
Date-Revised: 6/30/2011
Revision No: 001

Thin Wall Heat Shrink Tubing NTE 47-XXXX Series

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: NTE Thin Wall Heat Shrinkable Tubing
PRODUCT DESCRIPTION: Highly Flame Retarded Polyolefin Heat Shrinkable Tubing
PRODUCT CODE: NTE 47-XXXX Series

MARKETER
NTE Electronics, Inc.
44 Farrand Street
Bloomfield, NJ 07003

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (U.S.): (800) 424-9300
CANUTEC: (613) 996-6666
Emergency Phone: 1-800-631-1250 8:00 am – 5:00 pm EST

Phone: 973-748-5089

2. HAZARDS IDENTIFICATION

Ingredients: The tubing is manufactured from cross-linked polyolefin. The flame-retarded chemicals inside the tubing do not contain toxic elements (i.e. Cadmium and Lead). However, if the tubing is overheated or burned, harmful vapors may be released. Under normal conditions of processing and handling, the product is stable and no likelihood of exposure exists.

3. PHYSICAL AND CHEMICAL DATA

NORMAL CONDITION – Solid State

BOILING POINT – Not applicable

MELTING POINT – Base polymer 90°C, Tubing will not melt at 90°C due to its cross linked property.

SPECIFIC GRAVITY – 1.35-1.40

VAPOR DENSITY (AIR = 1) – Not applicable

EVAPORATION RATE (BUTYL ACETATE = 1) – Not applicable

SOLUBILITY IN WATER – Negligible

APPEARANCE & ODOR – All in tubing form. Odorless

4. FIRE FIGHTING MEASURES

FLASH POINT: >300°C

FLAMMABLE LIMITS IN AIR: Not applicable

FLAMMABILITY: The outer jacket is self-extinguishing.

5. REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Avoid overheating and burning

INCOMPATIBILITY: Organic solvents

HAZARDOUS DECOMPOSITION PRODUCTS: None in normal operation

HAZARDOUS POLYMERIZATION: Will not occur

6. HEALTH HAZARD INFORMATION

INHALATION: No hazard under normal operating condition. Thermal degradation and combustion of byproducts may be toxic and should not be inhaled.

INGESTION: Non digestible. There is insufficient data available to predict the effects from ingestion of the tubing.

SKIN: May cause thermal burns if contact with molten material.

EYES: May cause thermal burns if contact with molten material.

UNUSUAL CHRONIC TOXICITY: No known associated with the industrial use of this product

SIGNS AND SYMPTOMS OF EXPOSURE: Overheating of the tubing to charring or burning may produce vapors that may cause eye, skin, nose and throat irritation.

7. FIRST AID MEASURES

THERMAL BURNS: Cool rapidly with fresh water. Consult a physician

EYES: Flush with water for 15 minutes. Consult a physician

8. PRECAUTIONS AND SAFE HANDLING PROCEDURES

SPILL OR LEAK: Collect and place in container for disposal

STORAGE: Store in dry place, avoid excessive heat

WASTE DISPOSAL: Local disposal regulation (Not recyclable)

OTHER PRECAUTIONS: None

9. CONTROL MEASURES

VENTILATION: General ventilation is adequate under normal manufacturing environment

PROTECTIVE GLOVES: Necessary when handling the heated tubing

PROTECTIVE CLOTHING: Not necessary under operating condition

MANUFACTURER DISCLAIMER

To the best of our knowledge, the information contained herein is accurate. However, neither NTE or any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards, which exist.