

**SAFETY DATA SHEET**  
**Finished Product**



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**SDS Ref. No: NTE 47-XXXX Series**  
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**Revision No: 003**

**Thin Wall Heat Shrink Tubing**  
**NTE 47-XXXX Series**

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

<b>Brand Name</b>	NTE Thin Wall Heat Shrinkable Tubing
<b>Product Description:</b>	Highly Flame Retarded Polyolefin Heat Shrinkable Tubing
<b>Product Code</b>	NTE 47-XXXX Series
<b>Marketer Contact Information:</b>	NTE Electronics, Inc. 44 Farrand Street Bloomfield, NJ 07003 973-748-5089
<b>Emergency Phone:</b>	CHEMTREC 800-424-9300

**SECTION 2. HAZARDS IDENTIFICATION**

<b>Inhalation</b>	In common with most organic materials, thermal degradation and combustion of byproducts may be toxic and should not be inhaled.
<b>Ingestion</b>	Non-digestible. There is insufficient data available to predict the effects from ingestion of the tubing material.
<b>Skin</b>	May irritate skin. May cause thermal burns if contact with molten material.
<b>Eyes</b>	May cause thermal burns if contact with molten material.
<b>Chronic (Long-Term Exposure)</b>	None of the ingredients to which the users may be exposed to and which are present at equal to or greater than 0.1% of the product are listed by OSHA as suspected carcinogens.
<b>Signs &amp; Symptoms of Exposure</b>	Overheating of the tubing to charring or burning may evolve fumes irritating eyes, nose and throat. Persons with pre-existing eye, skin or respiratory disorders may be more susceptible to the effects of these fumes.

**SECTION 3. COMPOSITION / INFORMATION OF INGREDIENTS**

**Basic Ingredients**

<b>CAS #</b>	<b>Name</b>
24937-78-8	Ethylene-vinyl acetate copolymer
1309-65-4	Antimontrioxide
1309-42-8	Magnesium Hydroxide
1333-86-4	Carbon Black
6683-19-8	Pentaerythritol tetrakis (3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionate)
1314-13-2	Zinc oxide

#### SECTION 4. FIRST AID MEASURES

<b>Thermal burns</b>	Cool rapidly with fresh water. Consult physician
<b>Eyes</b>	If eye irritation occurs, flush with water for 15 minutes. Call a physician immediately.
<b>Inhalation</b>	If exposed to fumes from burned material, the victim should be moved to open area with fresh air. Call a physician if breathing problems persist.
<b>Ingestion</b>	Not a probable route of exposure. However, if accidentally swallowed, call a physician.

#### SECTION 5. FIRE FIGHTING MEASURES

<b>Flash Point</b>	>300°C
<b>Flammable limits in air</b>	Not applicable
<b>Flammability</b>	This material is flame retarded (except clear)
<b>Suitable Extinguishing Media</b>	Water, Foam, Dry chemical, Carbon dioxide

#### SECTION 6. ACCIDENTAL RELEASE MEASURES

Collect the material and place them in a container either to be recovered or to be disposed in accordance to local and regional waste disposal regulation.

#### SECTION 7. HANDLING AND STORAGE

**Precautions:** Stop heating the tubing melt if chars or if it shows other signs of degradation. Wash hands before contact with food.

**Storage:** Store in a cool dry area. Keep out of direct sunlight.

#### SECTION 8. EXPOSURE CONTROL / PERSONAL PROTECTION

<b>Exposure Limits</b>	Not applicable and available
<b>Engineering Controls</b>	Carry operations in the open air or with good ventilation control.
<b>Environmental Exposure Controls</b>	Please refer to section 13.
<b>Personal Protection</b>	Goggles are recommended if gas torches are used to shrink the tube. Heat resistant gloves should be used when handling heated tubing. Normal clothing should be used sufficient for skin protection. Self contained breathing apparatus should be used if shrinking is performed in confined area without air ventilation.

#### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Normal Condition</b>	Solid state
<b>Boiling Point</b>	Not Applicable
<b>Melting Point</b>	Base polymer 90°C. Tubing will not melt at 90°C due to its cross linked property.
<b>Specific Gravity</b>	1.35—1.40
<b>Vapor Density (Air = 1)</b>	Not Applicable
<b>Solubility in Water</b>	<0.001%
<b>Appearance &amp; Odor</b>	All in tubing form. Odorless

## SECTION 10. STABILITY AND REACTIVITY DATA

<b>Stability</b>	Stable under normal conditions
<b>Conditions to Avoid</b>	Avoid overheating and burning of the tubing
<b>Incompatibility</b>	Organic solvents
<b>Hazardous Decomposition Products</b>	None in normal operation
<b>Hazardous Polymerization</b>	Will not occur

## SECTION 11. TOXICOLOGICAL INFORMATION

### Routes of Entry: Ingestion, Inhalation

**Chronic Effects on Humans:** Ingestion of tubing is highly unlikely. There is insufficient information available on the effects from ingestion of this material. The tubing does not contain hazardous substances; however thermal degradation and combustion of byproducts may be toxic and should not to inhaled.

**Toxicity to Animals:** Not Available

## SECTION 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No data available

**Biodegradable:** No data available

## SECTION 13. DISPOSAL CONSIDERATIONS

The tubings are classified as non-hazardous waste and should be buried or incinerated at approved sites. If there are local regulations covering the controlled incineration of halogenated materials, then the tubing will be subjected to such regulations.

## SECTION 14. TRANSPORT INFORMATION

**DOT Classification:** Not a DOT controlled material

Identification: Not Applicable

Special Provisions for Transport: Not Applicable

Environmentally Hazardous Substance Mark: Not Applicable

## SECTION 15. REGULATORY INFORMATION

No data available

## SECTION 16. OTHER INFORMATION

This information above is believed to be accurate and represents the best information currently available to us. However, neither NTE or any of its subsidiaries make no warranty of merchantability or any other warranty, expressed or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of the information for their particular purposes.