

MATERIAL SAFETY DATA SHEET
ISSUED: 03/28/2011

SEA Wire and Cable, Inc.
451 Lanier Rd.
Madison, AL 35758
(256) 772-9616

A. IDENTIFICATION AND PRODUCT NAME:

- Electrical (Copper or Aluminum) Wire and Cable
- MC Cable (PVC or Zero Halogen Jacket optional)
- MV-90
- Insulated Rubber (XHHW, RHW, RHH, USE or XLP)
- THW
- RW-90
- Teck 90
- Type TC (PVC or Zero Halogen Jacket)
- Aerial
- Polyline

SIC CODE: 3357 (Drawing and Insulating Wire)
3496 (Misc. Fabricated Wire Products)
5063 (Electrical Apparatus and Equipment, Wiring Supplies, and
Construction Materials)

CHEMICAL NAME: These products are not chemicals but are "Articles" as defined by OSHA in the Federal Register 29 section 1910.1200 (c) and therefore section 1910.1200 does not apply as per 1910.1200 (b) (5) (iv) which states this section does not apply to "Articles." "1910.1200 (c) Definitions. 'Articles' means a manufactured item: (i) which is formed to a specific shape or design during manufacture; (ii) which has an end use function (s) dependent in whole or in part upon its shape or design during use; and (iii) which does not release, or otherwise result it exposure to, a hazardous chemical under normal conditions."

CAS NUMBER: Products are "Articles" and CAS number is not applicable.

B. COMPONENTS AND HAZARD INFORMATION:

COMPONENTS: (May contain all or part of the following)

- Copper Wire
- Aluminum Wire
- Tinned Copper Wire
- Cuweld Messenger Wire
- Alumweld Messenger Wire
- Galvanized Messenger Wire
- Nylon Fillers
- Crosslinked Polyethylene Insulation
- PVC Jacket or Insulation
- Polyethylene Jacket
- Zero Halogen Jacket
- Mylar Separator Tape
- Stainless Steel Copper Strap
- Aluminum Strap
- Aluminum Alloy Strip

CONTINUED... WIRE / CABLE

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- Galvanized (Zinc coated) Steel Strip
- Printing Inks

Components above could represent hazards if used in their raw form in other processes. MSDS for each of these can be supplied upon request to our customers and end users.

EXPOSURE LIMITS FOR ASSEMBLED PRODUCTS:

None Known

FIRE AND EXPLOSION DATA:

Will not support flame without external constant heat source.

HAZARDOUS REACTIVITY:

Avoid exposure to flame or extreme heat. Incomplete combustion may produce dust, fumes, carbon monoxide or other toxic gasses. If exposed to fire wear a self-contained breathing apparatus.

C. PRIMARY ROUTES OF ENTRY AND EMERGENCY & FIRST AID PROCEDURES:

EYE CONTACT: Not a likely source of exposure with normal use purposes. Cutting, splicing, and termination of wire during insulation could result in small solid particles that could lodge in the eye. Flush or irrigate eye. If irritation develops call a physician. Wear safety glasses.

SKIN CONTACT: Not a likely source of exposure with normal use purposes. Not a skin irritant. Wear protective clothing.

INHALATION: Not a likely source of exposure with normal use purposes. Not volatile. Wear a mask if dust is generated.

INGESTION: Not a likely source of exposure with normal use purposes. Low toxicity. Use proper personal hygiene, wash skin and clothing after handling.

CHRONIC EFFECTS OF EXPOSURE: None known.

D. DISPOSAL PROCEDURES:

Pick up pieces caused by termination, splicing, and cutting to prevent slippage. Dispose waste or scrap with methods that conform to federal, state, and local regulations.

E. PROTECTION:

Safety glasses, gloves, and dust mask recommended for good industrial safety practices. No known special protection required.

STATEMENT: Our insulated or jacketed products may contain trace amounts of arsenic and lead introduced in raw compounds (also containing only trace amounts). The state of California has found arsenic to cause cancer and lead to cause birth defects or other reproductive harm.

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A. IDENTIFICATION AND PRODUCT NAME

PRODUCT DESCRIPTION: Heat Shrinkable Tubing

SPECIFIC PHYSICAL FORM: different lengths and diameters and colors of tubing

ODOR, COLOR, GRADE: Tubing, various sizes, colors

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.

B. 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.

SPECIFIC GRAVITY – 1.35-1.40

VAPOR DENSITY (AIR = 1) – Not applicable

EVAPORATION RATE (BUTYL ACETATE = 1) – Not applicable

SOLUBILITY IN WATER – Not applicable

APPEARANCE & ODOR – Tubing, various sizes, colors

C. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use fire extinguishers with class B extinguishing agents (e.g., dry chemical, carbon dioxide).

PROTECTION OF FIRE FIGHTERS: Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).

AUTOIGNITION TEMPERATURE: Not Applicable

FLAMMABLE LIMITS – LEL: Not Applicable

FLAMMABLE LIMITS – UEL: Not Applicable

OSHA FLAMMABILITY CLASSIFICATION: Not Applicable

FLASH POINT: Not applicable

FLAMMABLE LIMITS IN AIR: Not applicable

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

D. HEALTH HAZARD INFORMATION

INHALATION: No hazard under normal operating condition. However, Vapors from heated material may cause irritation of the respiratory system. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

CONTINUED... HEAT SHRINK TUBING

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INGESTION: No health effects are expected

SKIN: No health effects are expected

EYES: Vapors from heated material may cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

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

SIGNS AND SYMPTOMS OF EXPOSURE: Not applicable

E. FIRST AID MEASURES

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

EYE CONTACT: Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.

SKIN CONTACT: No need for first aid is anticipated.

INHALATION: If signs/symptoms develop, remove person to fresh air. If signs/symptoms persist, get medical attention.

IF SWALLOWED: No need for first aid is anticipated.

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

F. PRECAUTIONS AND SAFE HANDLING PROCEDURES

SPILL OR LEAK: Collect in container

STORAGE: Store in a cool, dry place. Store away from heat.

WASTE DISPOSAL: Since regulations vary, consult applicable regulations or authorities before disposal.

OTHER PRECAUTIONS: Avoid eye contact with vapors, mists, or spray. Avoid skin contact with hot material. Do not breathe vapors. Avoid breathing of fumes. Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below Occupational Exposure Limits. If ventilation is not adequate, use respiratory protection equipment. Wash hands after handling and before eating. Avoid contact with oxidizing agents.

G. EXPOSURE CONTROL / PERSONAL PROTECTION MEASURES

EYE/FACE PROTECTION: Avoid eye contact with vapors, mists, or spray. The following eye protection(s) are recommended: Indirect Vented Goggles.

SKIN PROTECTION: Avoid skin contact with hot material. Select and use gloves and/or protective clothing to prevent skin contact based on the results of an exposure assessment. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible materials.

RESPIRATORY PROTECTION: Avoid breathing of fumes. Do not breathe vapors.

PREVENTION OF SWALLOWING: Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water.

DISCLAIMER

To the best of our knowledge, the information contained herein is believed to be correct as of the date issued. Neither SEA Wire and Cable Inc., its suppliers, partners, or employees 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.