

Material Safety Data Sheet

Supplier's Information

Company's Name: NISHI NIPPON ELECTRIC WIRE & CABLE CO., LTD.

Company's Address: Kasugaura, Oita, 870-0011, Japan

Dept. in Charge: Specialty Items Engineering Dept., Specialty Items Div.

Company's Phone #: 097-537-5566

Company's Fax #: 097-537-5592

Emergency Contact: Specialty Items Engineering Dept., Specialty Items Div.

Emergency Contact's Phone #: 097-537-5566

Emergency Contact's Fax #: 097-537-5592

Date MSDS Prepared: Dec. 6, 1999

Product Name (Chemical Name or Trade Name)

Nishi-Tube N P E

Identifying Information

Category of Single Item or Mixture: Mixture (ethylene-propylene rubber compound)

Chemical Name: Not defined

Chemical Formula or Structural Formula: Not defined

Ref. No. of Announcement in Official Journal (Law Concerning the Examination and Regulation of Manufacture, etc. of Chemical Substances, Safety and Health Law): None

CAS Number: None

UN Category and Number: None

Classification of Hazardousness and Toxicity

Classification Name: Not applicable to classification standards

Emergency/First-aid Procedures

Getting in Eyes: Wash with flowing water immediately. See a doctor for treatment, depending on symptoms.

Adhesion to skin: There are no particular effects. However, it is preferable that you wash with soap and water.

Inhalation: If you inhale gases generated during shrinkage, remove to fresh air and lie quietly.

Ingestion: Vomit it. See a doctor for treatment as necessary.

Measures to be Taken in Case of Fire

Fire extinguishing methods: Should the product burn, extinguishing by watering is effective.

Extinguishing media: Water, foam, dry chemicals, CO₂ gas, and dry sand

Measures to be Taken in Case of Spill or Leak

Put back into containers or dispose. (Contract work out to a disposal company.)

Precautions for Safety Handling and Storage

Handling: If you feel oil-like touch on your hands, wash with soap and water. Take specific care not to inhale gases generated during shrinkage. Do not directly touch the product immediately after shrinkage because you may suffer burns.

Storage: Do not place the product in elevated temperature or humid locations.

Exposure Preventive Measures

Control temperature: Not established

Allowable concentration: Not established by both Japan Association of Industrial Health (JAIH) and American Conference of Governmental Industrial Hygienists (ACGIH).

Equipment Measures: Not particularly required

Protectors Respiratory protector: Not particularly required

Protective goggles: Not particularly required

Protective gloves: Not particularly required

Protective clothing: Not particularly required

Physical/Chemical Characteristics

Appearance: Cylindrical tube

Boiling Point: None

Vapor Pressure: None

Volatilization: None

Melting Point: None

Specific Gravity: 1.3 to 1.4 (at 25°C)

Initial Boiling Point: None

Solubility in Water: Not soluble

Others: Swilling in mineral oil

Hazardous Information

Flashing point: None

Ignition Point: Around 330°C

Explosion range: None

Flammability: The product burns.

Ignition (autoignition): None

(by reaction with water): None

Oxidation: None

Self-reactiveness or -explosiveness: None

Dustiness: None

Stability/reactiveness: None

Others:

Toxic Information (including human symptoms and immunity data)

Skin Corrosiveness: None

Irritation (Skin and Eyes): None

Sensitiveness: None

Acute Toxicity (including 50% lethal): None

Sub-acute Toxicity: None

Chronic Toxicity: None

Carcinogenicity: None

Mutagenicity (Microorganism and Chromosome Aberration): None

Reproductive Effect: None

Teratogenicity: None

Others (Such as Generation of Toxic Gases by Reaction with Water): None

Environmental Effect Information

Decomposition: No known findings (Biodegradation is assumed to be none.)

Accumulation: No known findings (Accumulation is assumed to be none.)

Fish-toxicity: Effects are not known.

Others: The product should not be dumped or discharged into any ocean or water areas in order to protect ocean life or birds from ingesting the product.

Disposal Precautions

_ For landfill disposal, follow the "Waste Disposal and Public Cleansing Law" and contact work out to authorized industrial waste disposal business or, if a local authority handles landfilling, to that authority for disposal.

_ For incineration, use incineration equipment and carry out burning, making processing in compliance with rules and regulations such as the Air Pollution Law.

Transportation Precautions

Handle packing containers carefully to avoid damage such as wetting, overturn, dropping, impact

application, or tearing.

Applicable Codes and Regulations

None

_____Others (Contact for Information Contained in MSDS,
References, and Others)

Contact: Specialty Items Engineering Dept., Specialty Items Div., NISHI NIPPON ELECTRIC WIRE &
CABLE CO., LTD.

Phone #: 097-537-5566

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This MSDS was prepared based on the "Guidance of Preparing Material Safety Data Sheets" of
Information Center, Japan Chemical Industry Association (JCIA).

The information contained in this MSDS is based on the materials, information, and data currently obtained
by us and is subject to change with new findings.

Moreover, the precautions given are those to be followed when the product is handled in normal conditions.

Users should take their own safety measures appropriate to their particular purposes or use if it is to be used
in a special manner.