

Product: Type PIG & GYS (all colours except transparent)Heatshrink Tubing

Issued : 09.02.2004

Supplier: Thomas & Betts Europe C.V.

1. Material / Preparation and Company Identification

1.1 Trade name: PIG
GYS

1.2 Supplier Address:

Thomas & Betts Europe C.V.
Strawinskylaan 3105,
1077 ZX Amsterdam,
THE NETHERLANDS

2. Composition/Information on Ingredients

2.1 Chemical Characteristics :

Composition of: ethylene vinyl acetate, polyethylene, stabilisers and pigments, additives containing bromine, antimony trioxide. Free of lead and cadmium.

2.2 Hazardous Ingredients:

Antimony trioxide (present bound within the matrix of the polymer)

3. Hazards Identification

not applicable

4. First Aid Measures

Inhalation : After inhalation of decomposition products, rest, remove to fresh air and consult a doctor.

Skin Contact : If skin contact occurs with hot material, immediately cool with cold water and if necessary, consult a doctor.

Eye Contact : Flush eye out with running water for several minutes. If necessary, consult a doctor.

Ingestion : No particular measures are required. Consult a doctor if symptoms are severe.

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5. Fire Fighting Measures

5.1 Suitable Extinguishing Agents:

Water, Dry Chemical, Foam

5.2 Unsuitable Extinguishing Agents:

None

5.3 In the event of fire the following may be released:

CO, CO², HBr

5.4 Special Protective Equipment for Fire Fighting

Use breathing apparatus with independent air supply

6. Accidental Release Measures

Not applicable

7. Handling and Storage

7.1 Handling

Please note processing instructions. If the material is strongly overheated, gaseous decomposition byproducts (monomers and other decomposition products) may be released.

7.2 Protection against fire and explosion

No special measures required

7.3 Storage

Keep in a cool, dry place

8. Exposure Controls/Personal Protection

8.1 Information additional to the technical enclosures

If the area is suitably ventilated, then it can be safely assumed that the limit will not be reached.

8.2 Components with work place limits which need to be observed

Not applicable

8.3 Personal Protection Measures

Normal protective and hygiene measures suffice.

8.4 General Protection and Hygiene Measures

Wash hands after working with the material, in particular before eating, drinking or smoking.

8.5 Respiratory Protection:..... Not required

8.6 Hand Protection:..... Not required

8.7 Eye Protection:..... Not required

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9. Physical and Chemical Properties

9.1 Appearance

Physical State:..... Solid, in the form of a tube
 Colour:..... Coloured
 Odour:..... slightly waxy

9.2 Data relevant to Safety

pH - Value:..... Not applicable
 Change of State:..... after approx. 90°C
 Melting Point:..... > approx. 290°C
 Boiling Point:..... Not applicable
 Flash Point:..... Not determined
 Inflammability:..... Not determined
 Autoignition Temperature:..... Not determined
 Danger of Explosion:..... Not determined
 Vapour Pressure:..... Not determined
 Density:..... approx. 1.25 g/cm³

9.3 Further Information:

None

10. Stability and Reactivity

Thermal decomposition/conditions to be avoided

To avoid thermal decomposition, do not overheat. Thermal decomposition starts at approximately 280°C.

Hazardous Reactions

None known

Hazardous Decomposition or Byproducts

See section 5.

11. Toxicological Information

Acute Toxicity

No data available

12. Ecological Information

This product is not expected to be harmful since it is solid and insoluble in water.

13. Disposal Considerations

To be disposed of in accordance with the appropriate legislation at a suitable disposal site or incineration plant.

14. Transport Information

14.1 Transport on land

For the purposes of transportation there are no hazardous articles.

14.2 Transport by inland waters

For the purposes of transportation there are no hazardous articles.

14.3 Transport by sea

For the purposes of transportation there are no hazardous articles.

14.4 Transport by air

For the purposes of transportation there are no hazardous articles.

14.5 Further Information

None

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15. Regulatory Information

15.1 Marking Instructions according to EU Directives

Risk Designation:.....Not Applicable
Product contents:..... Not Applicable
R-Sentences:..... Not Applicable
S-Sentences:..... Not Applicable

15.2 National Regulations

With reference to the German *Gefahrstoffverordnung* (Regulation on hazardous goods) there are no hazardous materials .

With reference to EU Directives the product does not require any classification or special marking.

Verordnung über brennbare Flüssigkeiten VbF (Regulation on combustible fluids): Not Applicable

Wassergefährdungsklasse (WGK) (Class of Danger for Water Pollution) : NWG in general not dangerous for water

16. Other Information

Disclaimer: this information is accurate and reliable to the best of our knowledge. It is furnished without warranty, expressed or implied. Thomas & Betts Europe C.V. assumes no legal responsibility for the use of, or reliance upon, this data for hazards which might be associated with the use of these materials or for results obtained. It is the responsibility of the user to comply with all applicable laws and regulations. This MSDS was created in compliance with product notification requirements and is not intended to be used for any other purpose.