



Material Safety Data Sheet

Section 1. Product and company identification

PRODUCT: Thermofit Heat Shrinkable Tubes.

Tubing: Low voltage termination tube(RIMT), Corrosion Protection Tube(RIHTA/RIHTU), Connector Insulating Tube(RIRT), Dual Wall Tubes For Joint(RDWT), Clear Insulating Tube(RITT), Stress Control Tube(RSCT), Phase Marker -Thin Wall Heat Shrink Tube(RITT), Non Tracking Tube/Anti Tracking Tube(RART), Reinforced Wraparound Repair Sleeve(RTSF)

Company name:

REPL International Limited
REPL House,
Kingsdown Road,
Swindon,
SN25 6PB
Phone: +44 (0)1793 821220
Fax: +44 (0)1793 835892

Section 2. Composition / information on ingredients

General chemical description:

Modified crosslinked copolymer material, heat shrinkable.

Declaration of ingredients:

Crosslinking agents fully reacted in the supplied products and bound within the polymer matrix

Section 3. Hazards identification

None

This safety data sheet applies to a group of products which are not hazardous as supplied.

Section 4. First Aid measures

After inhalation:

If exposed to decomposition products, move to fresh air and rest. Seek medical attention if necessary.

After skin contact:

If skin contact occurs with hot , recovered, material cool with running water, and if necessary seek medical attention.

After eye contact:

Not applicable in normal usage, but if exposed to decomposition fumes rinse immediately with plenty of running water.

After ingestion:

No particular actions are required. Consult a doctor if symptoms are severe.

Section 5. Fire-fighting procedures

Suitable extinguishing media

All common extinguishing agents are suitable, water dry chemical, foam.

Special protection equipment for fire fighters

Wear self contained breathing apparatus

Special hazards by the product itself

Carbon monoxide and carbon dioxide maybe released on burning.

Section 6. Accidental release measures

Personal precautions:

Non applicable

Section 7. Handling & Storage

Handling:

If the material is strongly over heated, gaseous decomposition byproducts (monomers and other decomposition products) maybe released.

Storage:

Store in a cool dry area, away from direct sunlight and preferably below 40°C

Section 8. Exposure controls / personal protection

Components with specific control parameters for the workplace:

If the work area is suitably ventilated then it can safely be assumed that exposure limits will not be reached.

Hand protection;

Do not touch hot recovered product , allow to cool to ambient.

Eye protection:

Not required

General protection and hygiene measures:

Wash hands before work breaks and on finishing work.

Section 9. Physical & Chemical properties.

General characteristics:

State: Solid polymer

Odour: Slightly waxy

Colour: Black/Red/Yellow/Blue/Transparent

Phys/ Chem Props:

Density (@23°C) 1,05g/cm³

Solubility(qualitative)
(solvent water) insoluble

Change of state: approx 120°C and above

Section 10. Electrical and Mechanical Properties.

Electrical Properties:

Dielectric strength 8-20 kv/mm(min)
Dielectric constant----- 3-15
Volume resistivity $1 \times 10^{12} - 10^{14}$

Mechanical Properties:

Specific gravity-----1.19-1.25+-2
Tensile strength-----6-15 N/SQMM
Ultimate Elongation-----200-500%

Section 11. Stability & Reactivity

Conditions to avoid:

None known if used for intended purpose, to avoid thermal breakdown, do not over heat.
Thermal breakdown will start at approximately 240°C.

Materials to avoid:

None if used for intended purpose.

Section 12. Toxicological information

Accute Toxicity:

No data available.

Section 13. Ecological information

General information;

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

Section 14. Disposal considerations

Dispose of according to the appropriate legal regulations at a suitable disposal site or incineration plant.

Section 15. Transport information

General information:

Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.

Section 16. Regulations-classification & identification

Symbols of danger:

Not necessary

Risk Phrases

Not applicable

Additional information:

Not subject to the identification regulations.

Section 17. Other information

Further information:

Disclaimer this information is based on our current level of knowledge. It is furnished without warranty, expressed or implied. REPL assumes no legal responsibility for the use of, or reliance upon, this data for hazards which might be associated with this material or for the 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.

Issue 1

Date: 06/06/07