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# SAFETY DATA SHEET

**PRODUCT NAME:** FRW10 BUTYL TAPE

## 1/. CHEMICAL PRODUCT IDENTIFICATION

IDENTIFICATION OF THE PRODUCT: FRW10

CHEMICAL FAMILY: POLYISOBUTYLENE

PRODUCT DESCRIPTION: Pigmented, filled, PIB self-adhesive tape, supplied in roll form.

## 2/. HAZARDS IDENTIFICATION

### PHYSICAL AND CHEMICAL HAZARDS / FIRE AND EXPLOSION HAZARDS

Solid material, elastic, adhesive chemically inert product which will soften & increase in tack with heat & may support combustion in roll form but in use with paper liner removed between two non-flammable surfaces will be self-extinguishing.

This material is not considered hazardous according to the regulatory guidelines

## 3/.COMPOSITION

A formulation based on polyisobutene, polybutene and inert inorganic fillers mixed to a homogeneous blend

## 4/. FIRST AID MEASURES

**INHALATION:** Not applicable.

**SKIN CONTACT:** First aid is normally not required.

**EYE CONTACT:** Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.

**INGESTION:** First aid is normally not required.

## 5/. FIRE –FIGHTING MEASURES

### FIRE-FIGHTING PROCEDURES:

- o Use water spray to cool fire exposed surfaces and to protect personnel.

- o Block the supply to the fire.
- o Extinguish the fire by cooling with water spray.

**SPECIAL FIRE PRECAUTIONS:**

- o Avoid direct physical contact with product as it will be soft & highly adhesive  
See Sections 4 "First Aid Measures" and 10 "Stability and Reactivity"

**HAZARDOUS COMBUSTION PRODUCTS:**

- o No unusual

## **6/.ACCIDENTAL RELEASE MEASURES**

**LAND SPILL:**

- o Sweep up spilled material and place in suitable containers for recycle or disposal. o  
Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.
- o See Sections "First Aid Measures" and "Stability and Reactivity"

**WATER SPILL:**

- o Stop source if possible to do so without hazard. Advise authorities of possible floating substances, if material enters watercourses or sewers. Confine if possible.
- o Skim from surface.
- o Consult an expert on disposal of any recovered material and ensure conformity to local disposal regulations.
- o See Sections "First Aid Measures" and "Stability and Reactivity",

## **7/. HANDLING AND STORAGE**

**STORAGE TEMPERATURE (Deg C) :** Ambient

**TRANSPORT TEMPERATURE (Deg C) :** Ambient

**LOADING/UNLOADING TEMPERATURE (Deg C) :** Ambient

**VISCOSITY (cSt) :** Not Applicable

**STORAGE/TRANSPORT PRESSURE (kPa) :** Atmospheric

**ELECTROSTATIC ACCUMULATION HAZARD?** No, not from product, slight static charge may be developed from the removal of the release paper, if relevant use appropriate grounding procedures

**USUAL SHIPPING CONTAINERS:**

In cardboard cartons, on wooden pallets

**MATERIALS AND COATINGS UNSUITABLE:** None

**STORAGE / HANDLING, GENERAL NOTES:**

- Store in a cool, well ventilated place away from incompatible materials.
- Do NOT remove release liner or store cartons of product near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight.
- Shelf life in excess of 24 months in ambient conditions.

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

**ENGINEERING CONTROL MEASURES:** No special requirements

**PERSONAL PROTECTION:** No special requirements

## **9/. PHYSICAL AND CHEMICAL PROPERTIES**

These are indicative values only.

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PHYSICAL STATE: Semi-solid  
FORM/COLOUR: Pigmented elastic material with high tack  
FLASHPOINT 180 DEG C min  
AUTOIGNITION TEMP: Not available  
SPECIFIC GRAVITY 1.68 g/cc  
SOLUBILITY IN WATER No  
IS MATERIAL HYGROSCOPIC No

## 10/. STABILITY AND REACTIVITY

**HAZARDOUS POLYMERISATION?** No  
**CONDITIONS TO AVOID POLYMERISATION:** Not Applicable

**STABILITY:** Stable  
**CONDITIONS TO AVOID INSTABILITY:** Not Applicable

**MATERIALS AND CONDITIONS TO AVOID (INCOMPATIBILITY):** Strong oxidizing agents, product will be affected by organic solvents.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None

## 11/. TOXICOLOGICAL INFORMATION

**ACUTE:**

**INHALATION:**  
o Negligible hazard at ambient temperatures.

**SKIN CONTACT:**  
o Low order of toxicity.

**EYE CONTACT:**  
o Slightly irritating due to solid form but composition not known to injure eye tissue

**INGESTION:**  
• Minimal toxicity.

## 12/. ECOLOGICAL INFORMATION

The information given is based on data available for the material, the components of the material, and similar materials.

**ECOTOXICITY**

Material – Not expected to be harmful to aquatic organisms

Material – Not expected to demonstrate chronic toxicity to aquatic organisms

**MOBILITY**

Material – Low solubility and sinks in water. The product is virtually insoluble in water and thus can be separated from water mechanically in suitable effluent treatment plants

**PERSISTENCE AND DEGRADABILITY**

**Biodegradation**

Material – Expected to be persistent

**BIOACCUMALATION POTENTIAL**

Material – Potential to bioaccumulate is low

## 13/. DISPOSAL CONSIDERATIONS

The following advice only applies to the product as supplied.

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Combination with other materials may well indicate another route of disposal.  
Care should in any case be taken to ensure compliance with EC, national and local regulations.  
This product is suitable for disposal in an approved landfill or by controlled incineration.

## 14/. TRANSPORT INFORMATION

**LAND (railway/road, such as RID/ADR)**  
**ADR/RID CLASS, ITEM:** None

**INLAND WATERWAYS (such as ADN/R)**  
**AND/R CLASS, ITEM:** None

**SEA (IMDG)**  
**UN NUMBER** 0000

**IMO CLASS:** None  
**MARINE POLLUTANT:** None

**AIR (ICAO/IATA)**  
**ICAO/IATA CLASS:** None

## 15/. REGULATORY INFORMATORY

**CLASSIFICATION AND LABELLING ACCORDING TO EU DIRECTIVES**

**CLASSIFICATION/SYMBOL:** Not Regulated

**GOVERNING DIRECTIVE:**  
According to the EEC Directives, the product does not require classification and labeling.

## 16/. STORAGE AND TRANSPORTATION ADVICE

**STORAGE TEMPERATURE:** between 5 °C and 25 °C Ambient

**TRANSPORT TEMPERATURE:** between 5 °C and 25 °C Ambient

**LOADING/UNLOADING TEMPERATURE:** Ambient

**VISCOSITY (cSt):** Not Applicable

**STORAGE/TRANSPORT PRESSURE (kPa):** Atmospheric

**ELECTROSTATIC ACCUMULATION HAZARD?** No, not from product, slight static charge may be developed from the removal of the release paper, if relevant use appropriate grounding procedures

**USUAL SHIPPING CONTAINERS:** This product can be transported by shipping container. Where possible avoid any excessive heat and prolonged exposure. Continuous exposure may impact on ease of application.

Supplied in cardboard cartons.

**MATERIALS AND COATINGS UNSUITABLE:** None

**STORAGE / HANDLING, GENERAL NOTES:** Store in a cool, well-ventilated place away from incompatible materials. Do NOT remove release liner or store cartons of product near an open flame, sources of heat or

sources of ignition. Protect material from direct sunlight. Shelf life more than 24 months in ambient conditions.

Storage temperatures between 5 °C and 25 °C would be advisable however storage outside of these temperatures is possible hence the terms cool and ambient.

The key to keeping material fit for purpose is to keep it dry.

IF STORAGE AND TRANSPORTATION IS BELIEVED TO BE BEYOND THESE CONDITIONS PLEASE CONTACT US TO DISCUSS FURTHER.

## **17/. OTHER INFORMATION**

This information relates only to the specific material designated and may not be valid for such material used in combination with other materials or in any process.

Such information is to the best of the company's knowledge and belief accurate and reliable as of the date indicated. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves as to the suitability and completeness of such information for their own particular use.