

## PTFE Braided Packing - Material Safety Data Sheet

### Product Identification

Product Name: 2240 Acrylic fibre impregnated with PTFE braided packing  
 Application: With PAN fibre as raw material, through braiding, weaving, increased processing, impregnated with PTFE and shaping, it has high strength, abrasion- and erosion resistance and other properties, it is the ideal substitute for asbestos packing under low and medium temperature; passing through a special treatment, it has clean, pollution-free and other characteristics. The products are widely used in petroleum, chemical industry, chemical fibre, paper, pharmaceutical, power, environmental protection, metallurgy, food and other industries shaft, pumps, valves, pipes, tank of dynamic and static seals, not also solve the leakage problem, and also extended equipment life.

### Physical and Chemical Properties

Water Solubility	PAN is not soluble in ethanol, acetone, benzene and carbon tetrachloride, soluble in dimethylformamide, dehydration Apple anhydride.
Flash Point (Method used)	No information
Auto Ignition temperature	No information
Appearance	Woven-like.
Colour	White
PH Level	0-14
Relative Density	≥1.0g/cm <sup>3</sup>
Melting Point	No information.
Boiling Point	No information.

### Health Hazard Data

This product is basically non-toxic, but if impregnated with PTFE emulsion, the content and toxicity of PTFE pyrolysis material composition often raised as the heating temperature increased. Inhalation of thermal decomposition products can cause poisoning. Poisoning mild cases fever and "flu-like" symptoms; severe cases, respiratory tract irritation occurs, there chemical bronchitis, pneumonia, or even pulmonary edema and heart damage and so on. Access of long-term low concentrations of pyrolysis products are often headache, dizziness, insomnia, nightmares, memory loss, fatigue, back pain or other symptoms

### First Aid Measures

Eye Contact	Once contact, wash eyelid immediately with plenty of running water and sent to hospital for treatment immediately if symptoms appearance.
Skin Contact	Clean with flow of clean fresh water.
Ingestion	Gargle with water and seek medical care immediately.
Inhalation	Away from the scene to fresh air, keep the airway clear. Give oxygen therapy, if breathing is difficult, process rescue breathing and medical treatment.

### Fire Fighting Measures

Flash Point	No information
Extinguishing Media	Use mist of water, dry powder, foam, carbon dioxide extinguishing and sand.
Special Fire Fighting Procedures	If possible, move containers from the scene empty place and use extinguishing agent.
Hazardous Combustion Products:	Carbon monoxide, carbon dioxide, hydrogen fluoride.

### Handling and Storage

Handling	Wearing clean gloves when fetch, note the cutting movement when cut into short sections. Follow good housekeeping procedures to minimize the accumulation of dust in the workplace.
Storage	Stored in cool, dry, well-ventilated storage room at normal atmospheric temperature, away from fire, heat and light.

### Exposure Controls

#### Personal Protection

Respiratory Protection	Wear dust masks when operate in the processing environment.
Skin Protection	Wear general protective gloves when operate. Wear protective clothing in order to reduce the irritation by the carbon fibre on the skin.
Eye Protection	Wear safety goggles, do not wear contact lenses when operate.

### Toxicological Information

The hazardous components in this product are not volatile and bound in a polymer matrix so exposure to these chemicals does not occur under normal handling conditions. Prolonged inhalation of dust that may be generated in processing may cause lung disease and cancer. Inhalation of zinc oxide may cause metal fume fever, characterized by metallic taste in the mouth and flu-like symptoms. Symptoms resolve in 24-48 hours

### Environmental Information

Ammonia and other harmful gases will be output in the drying of impregnation; dust, waste will produce in burning.

Eco-toxicological toxicity	No information
Biodegradable	No information
Non-biodegradable	No information
Waste Performance	Solid
Waste disposal methods	Refer to national and local laws and regulations before disposal.
Waste Note	No special
Dangerous Goods Code	Not specified

### Transport Information

#### US DOT HAZARD CLASSIFICATION

Proper Shipping Name	Not available.
UN Number	Not available.
DOT, ADR, LMDG, LATA	Not available.
IMDG, LATA	Not available.
Packing group	Not available.
DOT, ADR, IMDG, IATA	Not available.
DOT Classification CLASS 4.1	Not available.
Special Provisions for Transport	Not available.

Transport Information Transport/ Additional information:

Check whether the package is completed or sealed before transporting; make sure there are no damage and no falling down of packages during transporting; do NOT transport this product together with incompatible substances, especially peroxides or it will generate carbon disulphide; stay away from fire and areas of high temperature during stopovers.

### Disclaimer

To the best of our knowledge the information contained in this publication is accurate; however, we do not assume any liability whatsoever for the accuracy or completeness of such information. We strongly recommend that users seek and adhere to the manufacturer's or supplier's current instructions for handling each material they use and they satisfy themselves that they can meet all applicable safety and health standards. This information is based upon technical information believed to be reliable. It is subject to revision as additional knowledge and experience is gained.