

Version No: 2

Date: January 2017

MATERIAL SAFETY DATA SHEET

1. COMPANY DESCRIPTION AND IDENTIFICATION

Manufacturer Information:

Unique Polymer Systems LTD, Unit 1 Bankside Industrial Estate, Little Marcle Road, Ledbury, Herefordshire, HR8 2DR, United Kingdom

+44(0) 1531 636300 sales@uniquepolymersystems.com

UPS 19007/9 GT Glass Tape

UPS 19010 Glass Cloth

UPS 19020 Glass Mat

Woven fiberglass tapes / mats made from filament roving

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Emergency information:

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2. COMPOSITION, INFORMATION ON INGREDIENTS

Description: narrow woven tapes made from continuous textile roving glass yarns

Base component: Fiber glass continuous filament, type E (95-100%)

Coating: Silane sizing (usually < 1.5%)

This product is neither classified as a dangerous substance under the Directive 67/548/EEC and their latest amendments nor considered as PBT or vPvB under the annex XIII from REACH

Version No: 2

Date: January 2017

3. HAZARDS IDENTIFICATION

No unusual conditions are expected from this product.

Exposure Limits: Not applicable

Cancer Information: This product is not classified as carcinogenic.

Primary Route of Exposure: Skin contact

Effects of Overexposure: Temporary skin, eye and upper respiratory mucous membrane irritation

4. FIRST AID MEASURES

Inhalation: Dusts and fibers from this product may cause irritation of the nose, throat, and respiratory tract. If inhaled, remove the affected person to fresh air. If symptoms persist, get medical attention.

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Do not rub or scratch eyes. Rubbing or scratching may cause mechanical damage. If irritation persists, get medical attention.

Skin contact: Wash immediately with soap and water affected areas. Use a wash cloth to help remove fibers. To avoid further irritation, do not rub or scratch affected areas. Rubbing or scratching may force fibers into the skin. If irritation persists, get medical attention.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: All usual fire extinguishing media are suitable. Special Hazards: None. Material is flame resistant. Primary combustion are carbon monoxide, carbon dioxide and water. Other compounds could be released in small quantities.

Special protective equipment for fire-fighters: No special procedures are expected to be necessary for this product. Use general accepted fire fighting procedures for packaging materials. Use self-contained breathing apparatus (SCBA) and fire fighting protective gear in a sustained fire.

Special methods: None

6. ACCIDENTAL RELEASE MEASURES

Please refer to local authorities and applicable national regulations. Land spill: Scoop up the material and put into a suitable container for disposal as a non-hazardous waste.

Water spill: This material will sink and disperse along the bottom of waterways and ponds. It can not easily be removed after it is waterborne. Material is not hazardous in water.

Air spill: This material will settle out of the air. If concentrated on land, it can be scooped up or vacuumed for disposal as a non-hazardous waste.

7. HANDLING AND STORAGE

Handling: No particular measures are required

Technical measures/precautions: No particular measures are required

Storage: Keep it below 40oC, in a dry place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

According exposure limits, please refer to local authorities and applicable national regulations.

Ventilation: Ventilation should effectively remove and prevent build-up of any dust generated from the handling of this product. Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

Engineering measures: Use proper workplace ventilation. Avoid accumulation and discharges of static electricity in the presence of flammable/explosive materials.

Personal protection

Respiratory protection: Use a properly fitted appropriate particulate filter respirator (such as FFP1 or FFP2) for particulate concentrations exceeding the Occupational Exposure Limits. Select a respirator providing adequate protection and conforming to CEN standards or other applicable requirements. Always follow respirator manufacturer's instructions.

Skin protection: Use normal work clothing (long sleeved shirts and long pants). Use impervious gloves. Skin irritation is known to occur chiefly at the pressure points such as around neck, wrists, waist and between fingers. Eyes and face equipment: Wear safety glasses, goggles or face shield.

Other good practices: Always keep good hygiene practices handling this material.

Version No: 2

Date: January 2017

Wash work clothes separately from other ones. Keep work area clean from dust and fibers. Use vacuum equipment to clean up the product. Don't use compressed air to clean work area. Eye wash fountain and emergency showers are recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Flat continuous yarn Color: White, brilliant white Odor: None

Melting point: Not applicable

Decomposition temperature: Carbonisation/pyrolysis start at above 700-750oC Solubility in water: Not soluble

Solubility in organic solvents: Not soluble

Solvent content: None

10. STABILITY AND REACTIVITY

General: This is a stable material.

Conditions to avoid: None expected

Incompatible materials: None expected

Hazardous decomposition product: Primary combustion are carbon monoxide, carbon dioxide and water. Other compounds could be released in small quantities.

Hazardous polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

The right handle and end-use of this product may not cause any risk for health. Some non adequate handle could be risk of some local irritation.

This product is not classified as carcinogenic.

12. ECOLOGICAL INFORMATION Mobility: No data are available for this product. Persistence and degradability: No data are available for this product. Bioaccumulation: No data are available for this product.

Ecotoxicity effects: This material is not expected to cause harm to animals, plants or fish.

13. DISPOSAL CONSIDERATIONS

Consult local authorities before disposing waste material. Dispose, recycle or re-use waste material according to local and national requirements

14. TRANSPORT INFORMATION

E-Glass filament roving yarns are not dangerous in terms of national and international transport regulations.

15. REGULARITY INFORMATION

Government Regulations: Continuous fiber glass yarns are not classified as a "Dangerous substance" or "Dangerous preparations" under EU directive 67/548/EEC, 99/45EC and their latest amendments

Other regulations: Be sure you comply with national or local regulations regarding the use, transport, recycling or disposal of this product

16. OTHER INFORMATION

The information contained herein may include typical properties of our products or their typical performances when used in certain typical applications. Actual properties of our products, in particular when used in conjunction with any third party material(s) or for any non-typical applications, may differ from typical properties.

It is the customer's responsibility to inspect and test our product(s) in order to satisfy itself as to the suitability of the product(s) for its and its customers particular purposes. The customer is responsible for the appropriate, safe and legal use, processing and handling of all product(s) purchased from us.

Nothing herein is intended to be nor shall it constitute a warranty whatsoever, in particular, warranty of merchantability or fitness for a particular purpose.