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MATERIAL SAFETY DATA SHEET
UPS 19601/3/4/5 PR EMERGENCY
PIPE REPAIR BANDAGE SERIES KIT

MANUFACTURER:

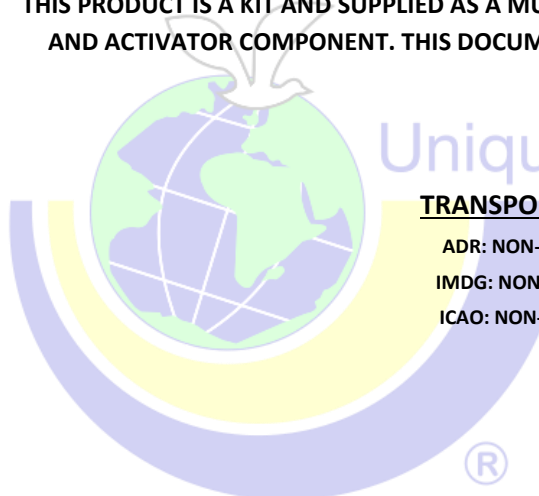
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THIS PRODUCT IS A KIT AND SUPPLIED AS A MULTI PART PRODUCT WHICH CONSISTS OF A BASE COMPONENT AND ACTIVATOR COMPONENT. THIS DOCUMENT CONTAINS THE MSDS FOR BOTH BASE AND ACTIVATOR COMPONENTS.



TRANSPORTATION INFORMATION

ADR: NON-HAZARDOUS, NOT APPLICABLE
IMDG: NON-HAZARDOUS, NOT APPLICABLE
ICAO: NON-HAZARDOUS, NOT APPLICABLE

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SECTION 1: Chemical Product & Company Identification

1.1 Product identifier

UPS 19601/3/4/5/6 PR EMERGENCY PIPE REPAIR BANDAGE KIT SERIES

1.2 General Chemical Characteristic

Fibreglass Knit Coated With Polyurethane Resin

1.3 Details of the supplier of the safety data sheet

Unique Polymer Systems LTD, Unit 1 Bankside Industrial Estate, Ledbury, Herefordshire, HR8 2DR

Tel: +44 (0) 1531 636300

Email: info@uniquepolymersystems.com

1.4 Emergency telephone number

+44 (0) 1531 636300 (9am to 5pm)

1.5 Analysis of Noxiousness

Chronic exposure and contact may cause noxiousness

1.4 Usage

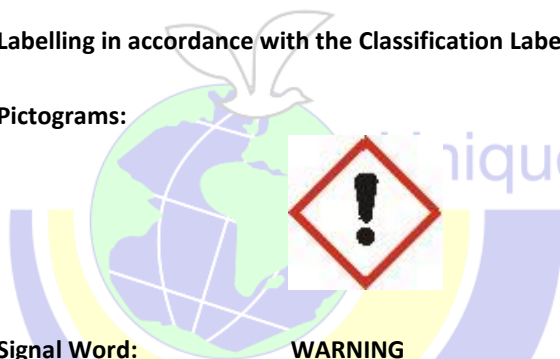
Repair Pipes

SECTION 2: Hazards Identification

2.1 Label elements

Labelling in accordance with the Classification Labelling and Packaging Regulation EC (no) 1272/2008

Pictograms:



Signal Word:

WARNING

2.2 Hazard Statement

H302: Harmful if swallowed

H312: Harmful in contact with skin

H317: May cause an allergic skin reaction

2.3 Precautionary Statement

Unique Polymer Systems LTD

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

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Prevention:

P261: Avoid breathing dust / fume / gas / mist / vapours / spray

P264: Wash thoroughly after handling

P272: Contaminated work clothing should not be allowed out of the workplace

P280: Wear protective gloves and eye / face protection

2.4 Precautionary Statement

Response

P302 + P352: If on skin: Wash with plenty of soap and water

P312: Call a poison centre or doctor / physician if you feel unwell.

P333 + P313: Get medical attention if skin irritation or rash occurs

P363: Wash contaminated clothing before reuse

Storage

P403 + P233: Only outdoors or in a well-ventilated area

Disposal

P501: Dispose of contents / container to (Local / Regional / National / International regulations in accordance with)

2.5 National Fire Protection Association (NFPA)

Health: 1

Fire: 1

Instability (Reactivity): 0

SECTION 3: Composition Information On Ingredients

Name

1. Fibreglass Knit

2. Polyurethane Prepolymer

Trade Name / Synonyms

Tape for Repairing Pipe

CAS No or I.D No

1. 65997-17-3

2. -

Content%

1. 30 – 70% Depending on tape size

2. 47 – 70% Depending on tape size

UniquePolymerSystems.com

The Engineer's Choice

... for Solutions

SECTION 4: First Aid Measures

Eye Contact



When resin contacts with eyes, wash eyes immediately with much amounts of water or normal saline, until no evidence of chemical remains (At least 20 minutes). Get medical attention immediately.

Skin Contact

Where resin has come in contact with skin, it can be removed using acetone or alcohol prior to setting. Get medical attention immediately.

Inhalation

Administration of a bronchodilator if necessary. Keep person warm and rest. Treat symptomatically and supportively.

Ingestion

If vomiting occurs, keep head lower than hips to help prevent aspiration. Treat symptomatically and supportively. Get medical attention immediately.

Note to Physician

No Specific antidote. Treat symptomatically and supportively.

SECTION 5: Fire Fighting Measures

Flash Point > 200°C

Auto ignition: No data Available

Lower / Upper Flammable Limit: No data Available

Flammable Class: OSHA: IIIB

Extinguishing Media: Dry chemical, carbon dioxide, water spray or regular foam. For larger fires, use water spray, fog or regular foam

Fire Fighting: Use agents suitable for type of surrounding fire. Avoid breathing hazardous vapours, keep upwind.

Hazardous Combustion Products: Thermal decomposition products may include highly toxic fumes of hydrogen cyanide, toxic oxide of carbon and nitrogen, and hazardous isocyanides

SECTION 6: Accidental Release Measures

Necessary Points to Protect Human Body: Use disposable gloves to avoid being stained with resin. As Tape is lightweight, patients should be cautioned against undue activities that would affect the case integrity and their healing

Necessary Points to Protect Ecology: Burn up using incinerator

Defecation or Remove: Where resin has come in contact with skin, it can be removed using acetone or alcohol prior to setting



SECTION 7: Handling & Storage

Handling: Disposable gloves should be worn while handling the tape, as the polyurethane resin will adhere to skin or to clothing.

Storage: Recommend to store in a cool, dry area. Storage at high temperature or exposure to sunlight will affect the shelf life.

SECTION 8: Information of Personal Protection & Exposure Control

Engineering Control: No information is available

Respiration Protection: There is no volatile component. During cutting casting tape by cast saw, it may occur dust. It is not harmful to human body but recommend to use mask.

Eye Protection: No data available

Hand Protection: Disposable glove

Body Protection: Appropriate impervious clothing

Cautions: Do not use warm or hot water. That may occur heat curing casting tape turns hands

Max Concentration: No data available

SECTION 9: Physical / Chemical Characteristics

Appearance: Knitted fabric coated with sticky resin

Odour: A unique, weak odour

PH: No data available

Water Solubility: React

Boiling Point: No data available

Melting Point: No data available

Explosion: No data available

Oxidative: No data available

Vapour Pressure: No data available

Specific Gravity: 1.12 @ 25°C

Distribution: No data available

Vapour Density: No data available

Viscosity: No data available

Molecular Weight: No data available

SECTION 10: Stability & Reactivity



Chemical Stability: Stable under normal temperatures and pressures

Condition to Avoid: If casting tape meets water or moisture in atmosphere before using, undesirable hardening will occur

Substances to Avoid: Oxidizers (Strong), Acid & Base, Amine, and Alcohol

Hazardous Decomposition: Hazardous decomposition has not been reported to occur under normal temperatures and pressures.

Hazardous Reaction Products: Carbon Dioxide; with water

SECTION 11: Toxicological Information

Influence to Eye: Resin may cause irritation with lachrymation

Influence to Skin: isocyanides may cause irritation with skin conditions ranging from itching to widespread eczema. Allergic sensitization is possible, but only rarely.

Acute Oral: No data available

Acute Suction: No data available

Toxicity of Generation: No data available

Chronic: No data available

SECTION 12: Ecological Information

Ecological Contaminant: Air, Water, Soil, and Marine

Transfer to Soil: No data available

Degradability & Persistency: No data available

Bio concentration Possibility: No data available

SECTION 13: Disposal Considerations

Waste Disposal Regulation: Observe all federal, state and local regulation when disposing of this substance

Waste Disposal Method: Fibreglass waste cannot be destroyed by incineration and can damage incinerators by the formation of a vitrified mass. Fibreglass waste can either be considered as inert waste or as common industrial estate as they can be buried in landfills approved for these categories.

US EPA RCRA Hazardous Waste Number: No data available

SECTION 14: Transport Information

US Department of Transportation Shipping Name – ID Number: Non Regulated

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Regulation & Classification by ICAO / IATA / ADR / RID: It is not classified according to the regulation &

Classification by ICAO / IATA / ADR/ RID

Cautions When Transport: Keep temperature not too high / keep container tightly closed

SECTION 15: Regulatory Information

SARA Hazard Categories: -

TSCA (Toxic Substance Control Act): -

Others: -

SECTION 16: Other Information

Source of the Information: Unique Polymer Systems LTD

