SAFETY DATA SHEET

Polyguard RD-6® Pipeline Tape, 600 UV 350, 600, 610, 606 membranes

Section 1. Identification

Product identifier : Polyguard RD-6® Pipeline Tape, 600 UV 350, 600, 610, 606 membranes
Other means of identification : Not available.
Product type : Solid.
Identified uses : Polymer modified bitumen tape used to protect pipes from exterior corrosion.

Supplier/Manufacturer

Polyguard Products Inc.
4101 South Interstate 45
Ennis, TX 75119
Tel: 214-515-5000

IN-LINE PIGGING SOLUTIONS LTD.
220-40TH Avenue NE
Calgary, AB T2E 2M7
Canada

Supplier's details

Emergency telephone number (with hours of operation)

24/7

Section 2. Hazard identification

Classification of the substance or mixture : Not classified.

This product is an Article under the Hazardous Products Regulations (HPR) in Canada. Therefore it is EXEMPTED from the regulatory requirements under WHMIS 2015.

GHS label elements

Signal word : No signal word.
Hazard statements : No known significant effects or critical hazards.

Precautionary statements

Prevention : Not applicable.
Response : Not applicable.
Storage : Not applicable.
Disposal : Not applicable.

Other hazards which do not result in classification/HHNOC/PHNOC : None known.
Section 3. Composition/information on ingredients

<table>
<thead>
<tr>
<th>Substance/mixture</th>
<th>Mixture</th>
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<tbody>
<tr>
<td>Other means of identification</td>
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CAS number/other identifiers

- **CAS number**: Not applicable.
- **Product code**: Not available.

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4. First-aid measures

**Description of necessary first aid measures**

**Eye contact**: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

- **Inhalation**: Not a likely route of exposure.
- **Skin contact**: Flush contaminated skin with plenty of water. Get medical attention if symptoms occur.
- **Ingestion**: Not a likely route of exposure.

**Most important symptoms/effects, acute and delayed**

- **Potential acute health effects**
  - **Eye contact**: No known significant effects or critical hazards.
  - **Inhalation**: No known significant effects or critical hazards.
  - **Skin contact**: No known significant effects or critical hazards.
  - **Ingestion**: No known significant effects or critical hazards.

- **Over-exposure signs/symptoms**
  - **Eye contact**: No known significant effects or critical hazards.
  - **Inhalation**: No known significant effects or critical hazards.
  - **Skin contact**: No known significant effects or critical hazards.
  - **Ingestion**: No known significant effects or critical hazards.

**Indication of immediate medical attention and special treatment needed, if necessary**

- **Notes to physician**: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- **Specific treatments**: No specific treatment.
- **Protection of first-aiders**: No special protection is required.

See toxicological information (Section 11)
Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media : Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media : None known.

Specific hazards arising from the chemical

Hazardous thermal decomposition products : Decomposition products may include the following materials:
  - carbon dioxide
  - carbon monoxide

Special protective actions for fire-fighters : No special measures are required.

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel : Put on appropriate personal protective equipment.

For emergency responders : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions : Not applicable.

Methods and materials for containment and cleaning up

Spill : Not applicable.

Section 7. Handling and storage

Precautions for safe handling

Protective measures : Put on appropriate personal protective equipment (see Section 8).

Advice on general occupational hygiene : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink.
Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits
None.

Appropriate engineering controls
Environmental exposure controls

: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

Individual protection measures

Hygiene measures
: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection
: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.

Skin protection

Hand protection
: Gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Body protection
: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection
: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection
: Not required under normal conditions of use.

Section 9. Physical and chemical properties

Appearance

Physical state
: Solid. [Tape.]

Color
: Black.

Odor
: Asphalt. [Slight]

Odor threshold
: Not available.

pH
: Not applicable.

Melting point
: Not applicable.

Boiling point
: Not applicable.

Flash point
: Open cup: >273.89°C (>525°F)

Evaporation rate
: Not applicable.

Flammability (solid, gas)
: Not available.

Lower and upper explosive (flammable) limits
: Not available.

Vapor pressure
: Not applicable.

Vapor density
: Not applicable.

Relative density
: 1.09

Solubility
: Insoluble in water.

Partition coefficient: n-octanol/water
: Not available.
Section 9. Physical and chemical properties

- **Auto-ignition temperature**: Not available.
- **Decomposition temperature**: Not available.
- **Viscosity**: Not applicable.
- **Volutility**: Not applicable.
- **VOC (w/w)**: <1g/L

Section 10. Stability and reactivity

- **Reactivity**: No specific test data related to reactivity available for this product or its ingredients.
- **Chemical stability**: The product is stable.
- **Possibility of hazardous reactions**: Under normal conditions of storage and use, hazardous reactions will not occur.
- **Conditions to avoid**: No specific data.
- **Incompatible materials**: Reactive or incompatible with the following materials: oxidizing materials.
- **Hazardous decomposition products**: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

- **Acute toxicity**: There is no data available.
- **Irritation/Corrosion**: There is no data available.
- **Sensitization**: There is no data available.
- **Mutagenicity**: There is no data available.
- **Carcinogenicity**: There is no data available.
- **Reproductive toxicity**: There is no data available.
- **Teratogenicity**: There is no data available.
- **Specific target organ toxicity (single exposure)**: There is no data available.
- **Specific target organ toxicity (repeated exposure)**: There is no data available.
- **Aspiration hazard**: There is no data available.
Section 11. Toxicological information

**Information on the likely routes of exposure**
- Routes of entry anticipated: Dermal contact.
- Routes of entry not anticipated: Oral, Inhalation

**Potential acute health effects**
- Eye contact: No known significant effects or critical hazards.
- Inhalation: No known significant effects or critical hazards.
- Skin contact: No known significant effects or critical hazards.
- Ingestion: No known significant effects or critical hazards.

**Symptoms related to the physical, chemical and toxicological characteristics**
- Eye contact: No known significant effects or critical hazards.
- Inhalation: No known significant effects or critical hazards.
- Skin contact: No known significant effects or critical hazards.
- Ingestion: No known significant effects or critical hazards.

**Delayed and immediate effects and also chronic effects from short and long term exposure**

**Short term exposure**
- Potential immediate effects: No known significant effects or critical hazards.
- Potential delayed effects: No known significant effects or critical hazards.

**Long term exposure**
- Potential immediate effects: No known significant effects or critical hazards.
- Potential delayed effects: No known significant effects or critical hazards.

**Potential chronic health effects**
- General: No known significant effects or critical hazards.
- Carcinogenicity: No known significant effects or critical hazards.
- Mutagenicity: No known significant effects or critical hazards.
- Teratogenicity: No known significant effects or critical hazards.
- Developmental effects: No known significant effects or critical hazards.
- Fertility effects: No known significant effects or critical hazards.

**Numerical measures of toxicity**

**Acute toxicity estimates**
- There is no data available.

Section 12. Ecological information

**Toxicity**
- There is no data available.

**Persistence and degradability**
- There is no data available.

**Bioaccumulative potential**
- There is no data available.
Section 12. Ecological information

**Mobility in soil**
- **Soil/water partition coefficient (Koc)**: There is no data available.

**Other adverse effects**: No known significant effects or critical hazards.

Section 13. Disposal considerations

**Disposal methods**: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way.

Section 14. Transport information

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<th>IATA</th>
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**AERG**: Not applicable.

**Special precautions for user**: Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Section 15. Regulatory information

**Canadian lists**
- **Canadian NPRI**: None of the components are listed.
- **CEPA Toxic substances**: None of the components are listed.
- **Canada inventory**: Not determined.
**Section 16. Other information**

**Procedure used to derive the classification**

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<th>Justification</th>
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**History**

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<tr>
<td>Prepared by</td>
<td>KMK Regulatory Services Inc.</td>
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| Key to abbreviations | ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
UN = United Nations  
HPR = Hazardous Products Regulations |

**Notice to reader**

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.