

SAFETY DATA SHEET

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

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the substance or preparation

- Product name** : Polyguard RD-6 Pipeline Tape, 600 UV 350, 600, 610, 606 membranes
- Product type** : Solid.
- Use of the substance/preparation** : Polymer modified bitumen tape used to protect pipes from exterior corrosion.
- Supplier/Manufacturer** : Polyguard Products
3801 South Business 45
Ennis, TX 75119
Tel: (800)541-4994
- e-mail address of person responsible for this SDS** : Chris@polyguardproduct.com
- Emergency telephone number (with hours of operation)** : CHEMTREC, U.S. : +1-800-424-9300 International: +1-703-527-3887

2. HAZARDS IDENTIFICATION

The product is not classified as dangerous according to Directive 1999/45/EC and its amendments.

Classification : Not classified.

See section 11 for more detailed information on health effects and symptoms.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/preparation : Preparation

Ingredient name	CAS number	%	EC number	Classification
United Kingdom (UK)				
Petroleum Bitumen	8052-42-4	60 - 100	232-490-9	Not classified. [2]
Calcium Carbonate	471-34-1	5 - 10	207-439-9	Not classified. [2]
France				
Calcium Carbonate	471-34-1	5 - 10	207-439-9	Not classified. [2]
Norway				
Petroleum Bitumen	8052-42-4	60 - 100	232-490-9	Not classified. [2]
Spain				
Petroleum Bitumen	8052-42-4	60 - 100	232-490-9	Not classified. [2]
Calcium Carbonate	471-34-1	5 - 10	207-439-9	Not classified. [2]

Calcium Carbonate is not in its respirable form and is a constituent of the mixture.

See section 16 for the full text of the R-phrases declared above

There are no additional 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.

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

Occupational exposure limits, if available, are listed in section 8.

4. FIRST AID MEASURES

- Eye contact** : Check for and remove any contact lenses. In case of contact with eyes, rinse immediately with plenty of water. Obtain medical attention if symptoms occur.
- Skin contact** : Wash with soap and water. Obtain medical attention if symptoms occur.
- Inhalation** : If inhaled, remove to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms appear.
- Ingestion** : Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training.
- Notes to physician** : No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

See section 11 for more detailed information on health effects and symptoms.

5. FIRE-FIGHTING MEASURES

Extinguishing media

- Suitable** : Use an extinguishing agent suitable for the surrounding fire.
- Not suitable** : None known.
- Special exposure hazards** : No specific fire or explosion hazard.
- Hazardous thermal decomposition products** : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
metal oxide/oxides
sulphur oxides.
low MW hydrocarbons.
- 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.

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up

- Small spill** : Due to the physical nature of this product, spills are not possible.

7. HANDLING AND STORAGE

- Handling** : Put on appropriate personal protective equipment (see section 8). 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. Do not ingest. Avoid contact with eyes, skin and clothing. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Storage** : 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. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.
- Packaging materials**
- Recommended** : Use original container.
- Specific uses** : Not available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limit values

Ingredient name	Occupational exposure limits
United Kingdom (UK)	
Petroleum Bitumen	EH40/2005 WELs (United Kingdom (UK), 8/2007). STEL: 10 mg/m ³ 15 minute(s). TWA: 5 mg/m ³ 8 hour(s).
Calcium Carbonate	EH40/2005 WELs (United Kingdom (UK), 8/2007). TWA: 10 mg/m ³ 8 hour(s). Form: Inhalable dust. TWA: 4 mg/m ³ 8 hour(s). Form: Respirable dust
Austria	
No exposure limit value known.	
Germany	
No exposure limit value known.	
France	
Calcium Carbonate	INRS (France, 6/2006). TWA: 10 mg/m ³ 8 hour(s).
Italy	
No exposure limit value known.	
Netherlands	
No exposure limit value known.	
Norway	
Petroleum Bitumen	Arbeidstilsynet (Norway, 6/2007). TWA: 5 mg/m ³ 8 hour(s). Form: Fume
Spain	
Petroleum Bitumen	INSHT (Spain, 1/2007). TWA: 0.5 mg/m ³ 8 hour(s). Form: Fume
Calcium Carbonate	INSHT (Spain, 1/2007). TWA: 10 mg/m ³ 8 hour(s).
Sweden	
No exposure limit value known.	
Turkey	
No exposure limit value known.	

Calcium Carbonate is not in its respirable form and is a constituent of the mixture.

Recommended monitoring procedures : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to European Standard EN 689 for methods for the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for the determination of hazardous substances.

Exposure controls

Occupational exposure controls : No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

Respiratory protection : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
- Eye 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** : Overalls buttoned to the neck and wrist.



- Hygiene measures** : Wash hands, forearms and face thoroughly after handling compounds and before eating, smoking and using the lavatory and at the end of the day. Follow good industrial hygiene practice.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

9. PHYSICAL AND CHEMICAL PROPERTIES

General information

- Appearance**
- Physical state** : Solid. [Black.]
- Odour** : [Slight]
- Odour threshold** : Not available.

Important health, safety and environmental information

- Flash point** : Open cup: >273.89°C (>525°F)
- Specific gravity** : 1.09 g/cm³
- Solubility** : Insoluble in the following materials: cold water and hot water.
Soluble in the following materials: Ketone and aromatic hydrocarbon solvents.
- Viscosity** : Not available.

10. STABILITY AND REACTIVITY

- Stability** : The product is stable. Under normal conditions of storage and use, hazardous polymerisation will not occur.
- Conditions to avoid** : No specific data.
- Materials to avoid** : 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.

11. TOXICOLOGICAL INFORMATION

Potential acute health effects

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

Potential chronic health effects

Reproductive toxicity

- Chronic effects** : No known significant effects or critical hazards.
- Carcinogenicity** : No known significant effects or critical hazards.

11. TOXICOLOGICAL INFORMATION

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.
Over-exposure signs/symptoms	
Inhalation	: Slightly irritating to respiratory system if product is heated to a molten state.
Ingestion	: No specific data.
Skin	: No specific data.
Eyes	: No specific data.
Target organs	: Contains material which causes damage to the following organs: skin.

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

Methods of disposal	: The generation of waste should be avoided or minimised wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.
Hazardous waste	: Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC.
Norway - Hazardous waste	: Within the present knowledge of the supplier, this product is not regarded as hazardous waste as defined by SFT's Directive on special waste.

14. TRANSPORT INFORMATION

International transport regulations

ADR/RID / IMDG / IATA Classes : Not regulated by any transport mode.

15. REGULATORY INFORMATION

EU regulations

Classification and labeling have been determined according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and take into account the intended product use.

Risk phrases	: This product is not classified according to EU legislation.
Product use	: Industrial applications.
Europe inventory	: Europe inventory: All components are listed or exempted.

Other EU regulations

Additional warning phrases : Safety data sheet available for professional user on request.

National regulations

Norway

Risk phrases	: Not classified.
Carcinogenic class	: Not classified.

France

Reinforced medical surveillance	: Act of July 11, 1977 determining the list of activities which require reinforced medical surveillance: not applicable
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Germany

15. REGULATORY INFORMATION

Hazard class for water : 3 Appendix No. 4
Technical instruction on air quality control : TA-Luft Number 5.2.1: 5.9-43.9%

Austria

Limitation of the use of organic solvents : Permitted.

Italy

Emission control directive : 99.71% Not classified.

16. OTHER INFORMATION

History

Date of issue : 07/15/2008

Date of previous issue : 06/30/2008

Version : 1.1

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.