



POLYFLEX MS DETAIL MEMBRANE SDS – SAFETY DATA SHEET

POLYFLEX MS DETAIL MEMBRANE

This safety data sheet is prepared according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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

1.1. Product identifier

Polyflex MS Detail Membrane

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: Product for construction chemicals.

1.3. Details of the supplier of the safety data sheet

Roofers NO 1, Unit 7-9, New Street, Kilmarnock, KA1 4JZ

E-mail: info@rubberseal.com

1.4. Emergency telephone number

Telephone: 01293 559333

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Skin Irrit. 2: Skin irritation, Category 2, H315

Eye Dam. 1: Serious eye damage, Category 1, H318

2.2. Label elements

According to Regulation (EC) No 1272/2008 [CLP]

Pictogram:



GHS07

Signal word: Danger





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Hazard Statements

H315: Causes skin irritation.
H318: Causes serious eyes damage.

Precautionary Statements

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P280 : Wear protective gloves / eye protection / face protection.
P310 : Immediately call a POISON CENTER / doctor.
P261 : Avoid breathing dust.
P403+P233 : Store in a well-ventilated area. Keep container tightly closed.
P501 : Dispose of contents according to national regulations.

2.3. Other Hazards

No additional information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1.MIXTURE				(EC) REGULATION 1272/2008 (CLP)
Composition	Cas No	EC No	%	
Tritmehoxy Vinly Silane	2768-02-7	240-449-8	<2,5	Skin Irrit. 2 – H315 Eye dam.2 – H319
3-(2-Aminoethylamino) Proply Trimethoxy Silane	1760-24-3	217-164-6	<1	Eye Dam. 1: H318, H413





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4. FIRST-AID MEASURES

4.1. Description of first aid measures. First aid personnel should pay attention to their own safety. Remove contaminated clothing.

4.1.1. If inhaled. Remove patient to fresh air. If difficulties occur: Obtain medical attention.

4.1.2. On skin contact. After contact with skin, wash immediately with plenty of water and soap. If irritation develops, seek medical attention.

4.1.3. On contact with eyes. Immediately, wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

4.1.4. On ingestion. Do not induce vomiting unless told to by a poison control centre or doctor. Never make an unconscious person vomit or drink fluids! Rinse mouth thoroughly. Promptly get affected personnel to drink large volumes of water to dilute the swallowed chemical. Seek medical attention and show the label or the safety data sheet of product to doctor.

4.2. Most important symptoms and effects, both acute and delayed. See section 2 and 11.

4.3. Indication of any immediate medical attention and special treatment needed
Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.





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5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Product itself is non-combustible. Only the packaging materials can catch fire. The extinguishing agents normally used are sufficient. Primarily, it is recommended to extinguish with water. Also according to fire condition and the causes of the fire exit, conventional extinguisher equipment with carbon dioxide, dry powder, water vapor and foam can be used.

5.2. Special hazards arising from the substance or mixture. Product is not combustible or explosive. No particular hazards known. In case of a fire, avoid inhalation of combustion products.

5.3. Advice for fire-fighters. Product itself is non-combustible; fire extinguishing method of surrounding areas must be considered. The degree of risk is governed by the burning substance and the fire conditions. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations. Protective helmet with visor, fireproof clothes, protective gloves (dielectric and fireproof), face mask which covers fire-fighter's face completely and in case of very large amounts of smoke, use a clean air breathing apparatus (tube and mask).

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid subsoil penetration. Avoid contact with skin and eyes. Use personal protective clothing. Handle in accordance with good building materials hygiene and safety practice.

6.2. Environmental precautions. Do not discharge into drains/surface waters/groundwater. Follow the official and local regulation rules.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling. Avoid spilling, skin and eye contact. Observe good industrial safety and hygiene practice. Keep in original container. Protect container from physical damage. Protect against freezing. Protection against fire and explosion is n.a. Store between +5°C and 40°C.

7.2. Conditions for safe storage, including any incompatibilities. Further information on storage conditions: Containers should be stored tightly sealed in a dry place.





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7.3. Specific end use(s)

For specific end use information contact with the company stated in section 1.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters. Components with occupational exposure limits:

The values and other data of TRGS 900 (Germany) must be observed. 50-00-0: formaldehyde...%.

There is no available data.

8.2. Exposure controls

Respiratory protection

No particular ventilation requirements.

Eye protection

Provide the eyewash station. Tightly fitting safety goggles (splash goggles). (e.g. EN 166)

Hand protection

Nitrile coated cotton gloves. (e.g. EN 388, 374) (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374): E.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), butyl rubber (0.7 mm) etc. Supplementary note: The specifications are based on tests, literature data and information of glove manufacturers or are derived from similar substances by analogy. Due to many conditions (e.g. temperature) it must be considered, that the practical usage of a chemical-protective glove in practice may be much shorter than the permeation time determined through testing.

Body protection

Body protection must be chosen based on level of activity and exposure, light protective clothing.





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General safety and hygiene measures

Avoid contact with the skin, eyes and clothing. Avoid inhalation of dusts and vapours. In order to prevent contamination while handling, closed working clothes and working gloves should be used. Handle in accordance with good building materials hygiene and safety practice. When using, do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift. At the end of the shift the skin should be cleaned and skin-care agents applied. Gloves must be inspected regularly and prior to each use. Replace if necessary (e.g. pinhole leaks). Contaminated equipment or clothing should be cleaned after each use or disposed of. Do not smoke in working area!

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance : Paste.

Colour : Grey

Odour : Odourless

Melting point : No data available

Boiling point : No data available

Flash point : No data available

Flammability : Not determined

Upper/lower flammability or explosive limits : No data available

Vapor pressure : No data available

Relative density : No data available

Solubility(ies) : Miscible in water

Partition coefficient: n-octanol/water : No data available

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Specific Gravity : 1,45 kg /lt

Explosion properties : Not explosive





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10. STABILITY AND REACTIVITY

10.1. Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

10.2. Chemical stability

The product is stable if stored and handled as prescribed/indicated.

10.3. Possibility of hazardous reactions

The product is stable if stored and handled as prescribed/indicated.

10.4. Conditions to avoid

See section 7 “Handling and Storage” of the safety data sheet.

10.5. Incompatible materials

Avoid contact with acids and oxidising substances.

10.6. Hazardous decomposition products

No hazardous decomposition products if stored and handled as prescribed/indicated.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity. Virtually nontoxic after a single ingestion, after a single skin contact and by inhalation. (*/**)

Skin irritation

Skin contact causes irritation. (*/**)

Eyes damage/ irritation

May cause severe damage to the eyes. (*/**)

Remark

*Information on: Other chemicals.





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Respiratory/Skin sensitization

There is no evidence of a skin-sensitizing potential. (**)

Germ cell mutagenicity

The chemical structure does not suggest a specific alert for such an effect. Based on available data, the classification criteria are not met.

Carcinogenicity

The chemical structure does not suggest a specific alert for such an effect. Based on available data, the classification criteria are not met.

Reproductive toxicity

The chemical structure does not suggest a specific alert for such an effect. Based on available data, the classification criteria are not met. (**)

Specific target organ toxicity (single exposure)

Causes temporary irritation of the respiratory tract. (**)

Repeated dose toxicity and Specific target organ toxicity (repeated exposure)

No reliable data was available concerning repeated dose toxicity. Based on available data, the classification criteria are not met. (**)

Remark

** The product has not been tested. The statements above have been derived from the properties of the individual components. May cause sensitization to susceptible persons.

12. ECOLOGICAL INFORMATION

12.1. Toxicity

There is a high probability that the product is not acutely harmful to aquatic organisms. The product gives rise to pH shifts. Based on available data, the classification criteria are not met.





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12.2. Persistence and degradability

Biodegradation and elimination (H₂O). Inorganic product which cannot to be eliminated from water by biological purification processes. The product is slightly soluble in water. It can be largely eliminated from the water by abiotic processes, e.g. mechanical separation. Experience shows this product to be inert and non-degradable.

Elimination information

Not applicable

12.3. Bioaccumulative potential

The product will not be readily bioavailable due to its consistency and insolubility in water.

12.4. Mobility in soil

The substance will not evaporate into the atmosphere from the water surface. Following exposure to soil, adsorption to solid soil particles is probable, therefore contamination of groundwater is not expected.

12.5. Results of PBT and vPvB assessment

The product does not contain a substance fulfilling the PBT (persistent/bio accumulative/toxic) criteria or the vPvB (very persistent/very bio accumulative) criteria.

12.6. Other adverse effects

The product does not contain substances that are listed in Regulation (EC) 1005/2009 on substances that deplete the ozone layer. Generally, not regarded as dangerous for the environment.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Observe national and local legal requirements. Do not discharge product into the environment without control. Residues should be disposed of in the same manner as the substance/product. Always observe the danger signals. Completely emptied packagings can be given for recycling.





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14. TRANSPORT INFORMATION

The product is not classified as a dangerous good according to transport regulation of land (ADR), railway (RID), inland waterway (ADN), seaway (IMDG), and airway (IATA/ICAO).

For ADR, RID, AND, IMDG and IATA/ ICAO transports

UN Number : Not applicable

UN proper shipping name: : Not applicable

Transport hazard class(es): : Not applicable

Packing group: : Not applicable

Environmental hazards: : Not applicable

Special precautions for user : None known

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not evaluated.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture. This safety data sheet is prepared according to Regulation (EC) No: 1907/2006. Labelling and packaging are prepared according to Regulation (EC) No: 1272/2008 [CLP]. Substances that are listed in Regulation (EC) 1005/2009 on substances that deplete the ozone layer.

16. OTHER INFORMATION

This safety data sheet is prepared according to Regulation (EC) No: 1907/2006.

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT

AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Hazard Statements

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Precautionary Statements

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The information herein is to assist customers in determining whether our products are suitable for their applications. Our products are only intended for sale to industrial and commercial customers. Customer assumes full responsibility for quality control, testing and determination of suitability of products for its intended application or use.

We warrant that our products will meet our written liquid component specifications. We make no other warranty of any kind, either express or implied, by fact or law, including any warranty of merchantability or fitness for a particular purpose. Our total liability and customers' exclusive remedy for all proven claims is replacement of nonconforming product and in no event shall we be liable for any other damages. While descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, they are provided for guidance only. Because many factors may affect processing or application/ use, Rubberseal recommends that the reader make tests to determine the suitability of a product for a particular purpose prior to use.

No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described or designs, data or information set forth, or that the products, designs, data or information may be used without infringing the intellectual property rights of others. In no case shall the descriptions, information, data or designs provided be considered a part of Rubberseal terms and conditions of sale. Further the descriptions, designs, data, and information furnished by Rubberseal hereunder are given gratis and Rubberseal assumes no obligation or liability for the description, designs, data or information given or results obtained, all such being given and accepted at the reader's risk. All data furnished refers to standard production using manufacturing testing tolerances. The product user, and not Rubberseal is responsible for determining the suitability and compatibility of our products for the user's intended use. Liability of Rubberseal and its affiliates for all claims is limited to the purchase price of the material. Products may be toxic and require special precautions in handling. User should obtain detailed information on toxicity, together with proper shipping, handling and storage procedures, and comply with all applicable safety and environmental standards. No freedom from any patents or other industrial or intellectual property rights is granted or to be inferred.

