

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Product form : Mixture  
Name : PermaSEAL Liquid DPM  
Product code : PDPM

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

#### 1.2.1. Relevant identified uses

Main use category : Industrial use, Consumer use  
Use of the substance/mixture : Liquid DPM

#### 1.2.2. Uses advised against

No additional information available

### 1.3. Details of the supplier of the safety data sheet

Permagard Products Ltd  
Chittington Industrial Estate  
Avonmouth  
Bristol BS11 0YB  
England

Tel: 0117 982 3282

Email: sales@permagard.co.uk  
Web: www.permagard.co.uk

### 1.4. Emergency telephone number

| Country        | Organisation/Company                                     | Address   | Emergency number  | Comment |
|----------------|--|---|---|---------|
| Ireland        | National Poisons Information Centre<br>Beaumont Hospital | Beaumont Hospital Beaumont Road<br>9 Dublin           | : +353 1 8379964  |         |
| United Kingdom | National Poisons Information Service (NHS Direct)        | <a href="http://www.npis.org">http://www.npis.org</a> | 111 (England & Wales only) or 112 (EU) or 08454 24 24 24 (Scotland) |         |

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

#### Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

No labelling applicable

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH annex II

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                       |  |
|---------------------------------------|--|
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing. |
| First-aid measures after skin contact | : Wash skin with plenty of water.                                |
| First-aid measures after eye contact  | : Rinse eyes with water as a precaution.                         |
| First-aid measures after ingestion    | : Call a poison center or a doctor if you feel unwell.           |

### 4.2. Most important symptoms and effects, both acute and delayed

No additional information available

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.  
Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.  
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

## 8.2. Exposure controls

|                                  |  |
|----------------------------------|--|
| Appropriate engineering controls | : Ensure good ventilation of the work station.                             |
| Personal protective equipment    | : Avoid all unnecessary exposure.  |
| Hand protection                  | : Protective gloves  |
| Eye protection                   | : Safety glasses   |
| Skin and body protection         | : Wear suitable protective clothing  |
| Respiratory protection           | : In case of insufficient ventilation, wear suitable respiratory equipment |
| Environmental exposure controls  | : Avoid release to the environment.  |
| Other information                | : Do not eat, drink or smoke during use.                                   |

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|  |                         |
|--|-------------------------|
| Physical state                             | : Liquid                |
| Colour                                     | : Black.                |
| Odour                                      | : Characteristic odour. |
| Odour threshold                            | : No data available     |
| pH   | : No data available     |
| Relative evaporation rate (butylacetate=1) | : No data available     |
| Melting point                              | : Not applicable        |
| Freezing point                             | : No data available     |
| Boiling point                              | : No data available     |
| Flash point                                | : No data available     |
| Auto-ignition temperature                  | : No data available     |
| Decomposition temperature                  | : No data available     |
| Flammability (solid, gas)                  | : Not applicable        |
| Vapour pressure                            | : No data available     |
| Relative vapour density at 20 °C           | : No data available     |
| Relative density                           | : No data available     |
| Solubility                                 | : No data available     |
| Log Pow                                    | : No data available     |
| Viscosity, kinematic                       | : No data available     |
| Viscosity, dynamic                         | : No data available     |
| Explosive properties                       | : No data available     |
| Oxidising properties                       | : No data available     |
| Explosive limits                           | : No data available     |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|  |                  |
|--|------------------|
| Acute toxicity                                     | : Not classified |
| Skin corrosion/irritation                          | : Not classified |
| Serious eye damage/irritation                      | : Not classified |
| Respiratory or skin sensitisation                  | : Not classified |
| Germ cell mutagenicity                             | : Not classified |
| Carcinogenicity                                    | : Not classified |
| Reproductive toxicity                              | : Not classified |
| Specific target organ toxicity (single exposure)   | : Not classified |
| Specific target organ toxicity (repeated exposure) | : Not classified |
| Aspiration hazard                                  | : Not classified |

## SECTION 12: Ecological information

### 12.1. Toxicity

|                   |   |
|-------------------|---|
| Ecology - general | : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. |
|-------------------|---|

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

|                                   |   |
|-----------------------------------|---|
| Waste treatment methods           | : Dispose of contents/container in accordance with licensed collector's sorting instructions. |
| Ecology - waste materials         | : Avoid release to the environment.   |
| European List of Waste (LoW) code | : 20 01 28 - paint, inks, adhesives and resins other than those mentioned in 20 01 27         |

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

### 14.1. UN number

Not dangerous goods in terms of transport regulations

### 14.2. UN proper shipping name

Not applicable

### 14.3. Transport hazard class(es)

Not applicable

### 14.4. Packing group

Not applicable

### 14.5. Environmental hazards

Other information : No supplementary information available.

### 14.6. Special precautions for user

#### 14.6.1. Overland transport

No additional information available

#### 14.6.2. Transport by sea

No additional information available

#### 14.6.3. Air transport

No additional information available

#### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

##### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

##### 15.1.2. National regulations

###### Germany

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

### SECTION 16: Other information

SDS EU\_NSC

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*