

# SAFETY DATA SHEET

## DESMOPOL

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REFERENCE DESMOPOL

VERSION v.5

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### 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Trade name : DESMOPOL

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

Use : One component water proofing and protection elastomeric material, based on polyurethane resin for the building industry  
<<FOR PROFESSIONAL USERS ONLY>>

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

##### Company identification

Tecnopol Sistemas, SL. - Pol. Ind. "Z" - C/ de la Prensa, 5 - CP: 08150 - Paret del Vallès (Barcelona) Telf. +34 93 568 21 11 - Fax. +34 93 568 02 11 | E-mail: info@tecnopol.es

#### 1.4. Emergency telephone number

(Instituto Nacional de Toxicologia) +34 915 62 04 20

### 2. Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification EC 67/548 or EC 1999/45

Classification : R10  
Xn; R20/21

##### Hazard Class and Category Code Regulation EC 1272/2008 (CLP)

Health hazards : Acute toxicity, Inhalation - Category 4 - Warning (CLP : Acute Tox. 4) H332

Physical hazards : Flammable liquids - Category 3 - Warning (CLP : Flam. Liq. 3) H226

#### 2.2. Label elements

##### Labelling EC 67/548 or EC 1999/45

Symbol(s)

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**2. Hazards identification (continued)**

<b>Symbol(s)</b>	: Xn : Harmful
<b>R Phrase(s)</b>	: R10 : Flammable. R20/21 : Harmful by inhalation and in contact with skin.
<b>S Phrase(s)</b>	: S2 : Keep out of the reach of children. S23 : Do not breathe spray. S24/25 : Avoid contact with skin and eyes. S36/37 : Wear suitable protective clothing and gloves. S40 : To clean the floor and all objects contaminated by this material, use xylene. S46 : If swallowed seek medical advice immediately and show this container or label. S51 : Use only in well-ventilated areas.
<b>Contains</b>	: Xylene <<Contains isocyanates. See information supplied by the manufacturer>>.

**Labelling Regulation EC 1272/2008 (CLP)****Hazard pictograms**

<b>Signal words</b>	: Warning
<b>Hazard statements</b>	: H226 : Flammable liquid and vapour. H332 : Harmful if inhaled.
<b>Precautionary statements</b>	
<b>General</b>	: P101: If medical advice is needed, have product container or label at hand. P102: Keep out of reach of children. P103: Read label before use.
<b>Prevention</b>	: P280: Wear protective gloves, protective clothing, eye protection, face protection. P210: Keep away from heat, sparks, open flames or hot surfaces. – No smoking. P233: Keep container tightly closed. P240: Ground/bond container and receiving equipment. P241: Use explosion-proof electrical, ventilating, lighting, ..., equipment. P261: Avoid breathing dust, fume, gas, mist, vapours, spray. P271: Use only outdoors or in a well-ventilated area.
<b>Response</b>	: P304+P340+P312: IF INHALED : Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell. P303+P361+P353: IF ON SKIN (or hair) : Remove immediately all contaminated clothing. Rinse skin with water/shower. P378: Use for extinction : All extinguishing media can be used.
<b>Storage</b>	: P235: Keep cool.
<b>Disposal considerations</b>	: P501: Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
<b>Contains</b>	: Xylene

**2.3. Other hazards**

None under normal conditions.



### 3. Composition/information on ingredients

**Substance / Preparation** : Preparation.  
**Hazardous component(s)** : This product is hazardous.

Substance name	Contents	CAS No	EC No	Annex No	REACH Ref.	Classification
Xylene	10 - 15 %	1330-20-7	215-535-7	601-022-00-9	----	R10 Xn: R20/21 Xi: R38 ----- Flam. Liq. 3 _ H226 Acute Tox. 4 (skin) _ H312 Acute Tox. 4 (inhal) _ H332 Skin Irrit. 2 _ H315 STOT SE 3 _ H335

### 4. First aid measures

#### 4.1. Description of first aid measures

**Inhalation** : IF INHALED : Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor. Specific treatment is urgent.

**Skin contact** : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

**Eye contact** : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

**Ingestion** : Do not induce vomiting.  
Obtain emergency medical attention.

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

**Symptoms relating to use** : Not expected to present a significant hazard under anticipated conditions of normal use.

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

**General information** : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

### 5. Fire-fighting measures

#### 5.1. Extinguishing media

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

**Unsuitable extinguishing media** : Do not use a heavy water stream.

**Surrounding fires** : Use water spray or fog for cooling exposed containers.

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

**Flammable class** : Flammable liquid and vapour.

**Hazardous combustion products** : Under fire conditions, hazardous fumes will be present.

#### 5.3. Advice for fire-fighters



## 5. Fire-fighting measures (continued)

- Protection against fire** : Do not enter fire area without proper protective equipment, including respiratory protection.
- Special procedures** : Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

## 6. Accidental release measures

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

- For emergency responders** : Equip cleanup crew with proper protection. Ventilate area.
- Technical measures** : Use special care to avoid static electric charges. Eliminate every possible source of ignition. No naked lights. No smoking.
- Special precautions** : Remove ignition sources.

### 6.2. Environmental precautions

- Environmental precautions** : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

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

- Clean up methods** : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spills and put it into appropriated container.

### 6.4. Reference to other sections

See section 8. Exposure controls/personal protection

## 7. Handling and storage

### 7.1. Precautions for safe handling

- Technical protective measures** : Provide good ventilation in process area to prevent formation of vapour. Proper grounding procedures to avoid static electricity should be followed.
- Handling** : Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Handle empty containers with care because residual vapours are flammable.
- Special precautions** : No naked lights. No smoking. In use, may form flammable vapour-air mixture. Store and handle as though always a serious potential fire/explosion and health hazard exists.

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

- Storage** : Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use. Keep in fireproof place.



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## 7. Handling and storage (continued)

**Storage - away from** : Strong bases. Strong acids. Sources of ignition. Direct sunlight. Heat sources.

### 7.3. Specific end use(s)

**Specific end use(s)** : None.

## 8. Exposure controls/personal protection

### 8.1. Exposure controls

**Personal protection**



**Personal protection** : Avoid all unnecessary exposure.

**Respiratory protection** : Where excessive vapour may result, wear approved mask.

**Hand protection** : In case of repeated or prolonged contact wear gloves.

**Eye protection** : Chemical goggles or safety glasses.

**Others** : When using, do not eat, drink or smoke.

### 8.2. Control parameters

## 9. Physical and chemical properties

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

<b>Color</b>	: e.t.c.
<b>Odor</b>	: Característico
<b>inflammability</b>	: flammable liquids and vapors
<b>Flash point [° C]</b>	: 35
<b>Explosion limits - upper [%]</b>	: No data available.
<b>Vapour pressure mm/Hg</b>	: No data available.
<b>Vapour density</b>	: No data available.
<b>Density [g/cm<sup>3</sup>]</b>	: 1.3-1.4
<b>Solubility in water [% weight]</b>	: No data available.
<b>Solubility in water</b>	: Insoluble.
<b>Log Pow octanol / water at 20°C</b>	: No data available.
<b>Solubility</b>	: Organic solvents.
<b>Viscosity at 20°C [mPa.s]</b>	: 2500



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**9. Physical and chemical properties (continued)**

<b>Explosion limits - upper [%]</b>	: No data available.
<b>Vapour pressure mm/Hg</b>	: No data available.
<b>Vapour density</b>	: No data available.
<b>Density [g/cm<sup>3</sup>]</b>	: 1.3-1.4
<b>Solubility in water [% weight]</b>	: No data available.
<b>Solubility in water</b>	: Insoluble.
<b>Log Pow octanol / water at 20°C</b>	: No data available.
<b>Solubility</b>	: Organic solvents.
<b>Viscosity at 20°C [mPa.s]</b>	: 2500

**9.2. Other information**

<b>Explosive properties</b>	: No data available.
<b>Oxidising properties</b>	: No data available.

**10. Stability and reactivity****10.1. Reactivity**

<b>Reactivity</b>	: Not established.
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**10.2. Chemical stability**

<b>Chemical stability</b>	: Stable under recommended storage conditions.
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**10.3. Possibility of hazardous reactions**

<b>Hazardous reactions</b>	: Not established.
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**10.4. Conditions to avoid**

<b>Conditions to avoid</b>	: Extremely high or low temperatures. Direct sunlight. Open flame. Overheating. Heat. Sparks.
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**10.5. Incompatible materials**

<b>Materials to avoid</b>	: Strong acids. Strong bases.
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**10.6. Hazardous decomposition products**

<b>Hazardous decomposition products</b>	: Fumes. May release flammable gases.
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## 11. Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity	: Harmful if inhaled.
Corrosion	: Not established.
Irritation	: Not established.
Sensitization	: Not established.
Mutagenicity	: Not established.
Carcinogenicity	: Not established.
Toxic for reproduction	: Not established.
STOT-single exposure	: Not established.
STOT-repeated exposure	: Not established.
Aspiration hazard	: Not established.

## 12. Ecological information

### 12.1. Toxicity

Toxicity information : Not established.

### 12.2. Persistence - degradability

Persistence - degradability : Biodegradable.

### 12.3. Bioaccumulative potential

Bioaccumulative potential : Not established.

### 12.4. Mobility in soil

Log Pow octanol / water at 20°C : No data available.  
Mobility in soil : Not established.

### 12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment : Not applicable.

### 12.6. Other adverse effects

Environmental precautions : Avoid release to the environment.

## 13. Disposal considerations

### 13.1. Waste treatment methods



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**13. Disposal considerations (continued)**

- General** : Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.
- Special precautions** : Handle empty containers with care because residual vapours are flammable.

**14. Transport information****14.1. Land transport (ADR-RID)**

- Proper shipping name** : COATING SOLUTION
- UN N°** 1139
- H.I. nr** 30
- ADR - Class** 3
- Labelling - Transport** 3



- ADR - Classification code** : F1
- ADR - Group** : III
- ADR - Packing instructions** : P001 R001 LP001
- ADR - Limited Quantity** : LQ7  
 Combination packagings - Inner packaging : Maximum : 5 l  
 Combination packagings - Package : Maximum : 30 kg  
 Inner packagings placed in shrink-wrapped or stretch-wrapped trays - Inner packaging : Maximum contents : 5 l  
 Inner packagings placed in shrink-wrapped or stretch-wrapped trays - Package Maximum : 20 kg
- ADR - Tunnel code** : D/E : Passage forbidden through tunnels of category D when carried in bulk or in tanks. Passage forbidden through tunnels of category E.

**14.2. Sea transport (IMDG) [English only]**

- Proper shipping name** : COATING SOLUTION
- UN N°** 1139
- IMO-IMDG - Class or division** 3
- IMO-IMDG - Packing group** : III
- IMO-IMDG - Packing instructions** : P001 LP01
- IMO-IMDG - Limited quantities** : 5L
- IMO-IMDG - Marine pollution** : YES



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**14. Transport information (continued)**

EMS-Nr : F-ES-E

**14.3. Air transport (ICAO-IATA) [English only]**

Proper shipping name : COATING SOLUTION

UN N° : 1139

IATA - Class or division : 3

IATA - Packing group : III

IATA - Passenger and Cargo Aircraft : ALLOWED

- Passenger and Cargo - Packing instruction : 309

- Passenger and Cargo - Maximum : 60 L

Quantity/Packing

IATA - Cargo only : ALLOWED

- Cargo only - Packing instruction : 310

- Cargo only - Maximum Quantity/ : 220 L

Packing

IATA - Limited Quantities : 10 L

ERG-Nr : 3L

**15. Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Safety, health and environmental regulations/legislation specific for the substance or mixture : Ensure all national/local regulations are observed.

**15.2. Chemical Safety Assessment**

Chemical Safety Assessment : It has not been carried out.

**16. Other information**

Revision : Revision - See : \*

Abbreviations and acronyms : Not applicable.

Sources of key data used : 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

List of relevant R phrases (heading 3) : R10 : Flammable.  
R20/21 : Harmful by inhalation and in contact with skin.  
R38 : Irritating to skin.List of full text of H-statements in section 3 : H226 : Flammable liquid and vapour.  
H332 : Harmful if inhaled.

**16. Other information (continued)**

**Further information** : None.

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In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation (CE) N° 1272/2008

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