

## weber.dry PUR seal Safety Data Sheet

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

#### 1.1. Product identifier

Code .....  
Product name **WEBER.DRY PUR SEAL**

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

Intended use **Polyurethane waterproofing coating**

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

Name **Saint-Gobain Weber Yapı Kim. San. ve Tic. A.Ş.**  
Full Address **Ansızca Köyü Ansızca İç Kısım Sanayi Sokak No: 284**  
District and Country **35730 Kemalpaşa / İzmir**  
Turkey  
tel. **+902323970700**  
faks **+902323970800**  
e-mail address of the competent person  
responsible for the Safety Data Sheet **ozgur.icli@weber.com.tr**

#### 1.4. Emergency telephone number

For urgent inquiries refer to **+902323970713**


### 2. Hazards identification.

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

Classification according to Regulation (EC) No 1272/2008CLP

 GHS02 flame

Flam. Liq. 3 H226 Flammable liquid and vapour.

 GHS08 health hazard

Resp. Sens. 1 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.


Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

 GHS07


Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation..

Classification according to Directive 67/548/EEC or Directive 1999/45/EC

 Xn; Harmful

R20/21-65; Harmful by inhalation and in contact with skin. Harmful: may cause lung damage if swallowed.

 Xn; Sensitising;

R42 May cause sensitisation by inhalation.

R10: Flammable.

#### Classification system:

The classification of the product is according CLP Regulation 1272/2008/EC and European Directive 99/45/EC.

#### 2.2. Label elements:

##### Labelling according to Regulation EC No 1272/2008 CLP

The product is classified and labelled according to the CLP regulation.

##### Hazard pictograms:



GHS02



GHS08

**2.3. Signal word Danger**

**Hazard-determining components of labelling:** xylene

m-tolylidene diisocyanate

**Hazard statements**

H226 Flammable liquid and vapour.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H373 May cause damage to organs through prolonged or repeated exposure.

H304 May be fatal if swallowed and enters airways.sk

**2.4. Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor/...

P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

P314 Get medical advice/attention if you feel unwell.

P331 Do NOT induce vomiting.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**Additional information:**

Contains isocyanates. May produce an allergic reaction.

Contains m-tolylidene diisocyanate. May produce an allergic reaction.

**2.5 Other hazards**

**Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.


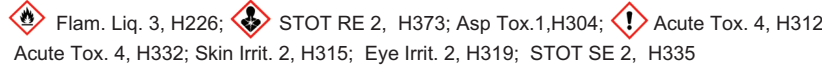
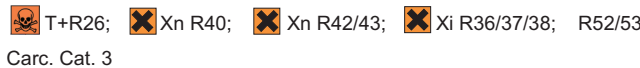
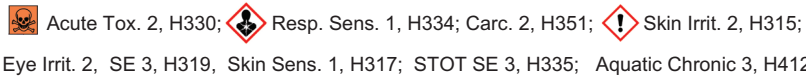
**3. Composition/information on ingredients.**

**3.1. Chemical characterization:** Mixture

**Description:** Mixture of substances listed below with nonhazardous additions.

m-tolylidene diisocyanate

**3.2. Dangerous Components.**

CAS: 1330-20-7 EINECS: 215-535-7 Reg.nr.: 01-2119488216-32-XXXX	xylene  R10 <hr/> 	12.5-<20%
CAS: 26471-62-5 EINECS: 247-722-4 Index number: 615-2006-00-4 Reg.nr.: 01-2119454791-34-XXXX	m-tolylidene diisocyanate  Carc. Cat. 3 <hr/> 	0.3-<1%

**4. First aid measures.**

**Description of first aid measures**

**4.1. General information.**

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

Take affected persons out into the fresh air. Seek immediate medical advice.

**After inhalation.**

In case of unconsciousness place patient stably in side position for transportation.

Supply fresh air. If required, provide artificial respiration. Keep patient warm.

Consult doctor if symptoms persist.

Seek immediate medical advice.

**After skin contact.**

Immediately wash with water and soap and rinse thoroughly.  
Remove contaminated clothing and shoes. If skin irritation continues, consult a doctor.

**After eye contact.**

Rinse opened eye for at least 15 minutes under running water.  
Remove contact lenses and continue rinsing for several minutes. Seek immediate medical advice.

**After swallowing.**

Do not induce vomiting; call for medical help immediately. Rinse out mouth and then drink plenty of water.  
Drink plenty of water and provide fresh air. Call for a doctor immediately.  
Seek immediate medical advice.

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

No further relevant information available.

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

No further relevant information available.

**5. Fire fighting measures.**

**5.1. Extinguishing media.**

**Suitable extinguishing agents:** CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray.  
**For safety reasons unsuitable extinguishing agents:** Water with full jet

**5.2. Special hazards arising from the substance or mixture:** In case of fire, the following can be released:

Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO).

**5.3. Advice for firefighters:**

**Protective equipment:** Mouth respiratory protective device. Wear fully protective suit.

**5.4. Additional information:**

Collect contaminated fire fighting water separately. It must not enter the sewage system.

**6. Accidental release measures.**

**6.1. Personal precautions, protective equipment and emergency procedures:**

**For non-emergency personnel** - Avoid contact with spilled material  
Keep away from ignition sources. Ensure sufficient ventilation. Use personal protective equipment.  
**For emergency responders** Wear protective equipment. Keep unprotected persons away.

**6.2. Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

**6.3. Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Use non-sparking tools. Contain leakage if possible.  
Pick up and transfer to properly labelled containers. Do not flush with water or aqueous cleansing agents

**6.4. Reference to other sections:**

See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

**7. Handling and storage.**

**7.1. Precautions for safe handling:**

Ensure good ventilation/exhaustion at the workplace.  
Use adequate personal protective equipment as required. For more information regarding protective equipment see section 8  
Avoid inhaling vapors.  
Avoid contact with skin, eyes and clothing.

**Information about fire - and explosion protection:**

 Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.  
Ground/bond container and receiving equipment.  
Use explosion-proof electrical/ventilating/lighting equipment.

**7.2. Conditions for safe storage, including any incompatibilities:****Storage:****Requirements to be met by storerooms and receptacles:**

Store in a cool location. Provide ventilation for receptacles.

**Information about storage in one common storage facility:** Store away from flammable substances. Store away from foodstuffs.

**Further information about storage conditions:** Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles. Protect from heat and direct sunlight.

**7.3. Specific end use (s):** No further relevant information available.**8. Exposure controls/personal protection**

**Additional information about design of technical facilities:** No further data; see item 7.

**8.1. Control parameters.**

Ingredients with limit values that require monitoring at the workplace:	
1330-20-7 xylene	
WEL	Short-term value: 441 mg/m <sup>3</sup> , 100 ppm Long-term value: 220 mg/m <sup>3</sup> , 50 ppm Sk; BMGV
26471-62-5 m-tolylidene diisocyanate	
WEL	Short-term value: 0.07, mg/m <sup>3</sup> Long-term value: 0.02, mg/m <sup>3</sup> Sen; as-NCO
Ingredients with biological limit values	
1330-20-7 xylene	
BMGV	650 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: methyl hippuric acid

**Additional information:**The lists valid during the making were used as basis.

**8.2. Exposure controls:****Personal protective equipment:****General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

**8.3. Respiratory protection:**

Use suitable respiratory protective device in case of insufficient ventilation.

**Protection of hands:****Protective gloves.**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**Material of gloves.**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**Penetration time of glove material.**

The determined penetration times according to EN 374 part III are not performed under practical conditions.

Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

**Eye protection:**

Safety glasses.

**Body protection:**

Protective work clothing.

**9. Physical and chemical properties.****9.1. Information on basic physical and chemical properties.****General information.****Appearance**

**Form:** Liquid

<b>Colour:</b>	Various colours
<b>Odour:</b>	Characteristic
<b>Odour thres hold:</b>	Not determined
<b>pH-value:</b>	Not applicable
<b>Melting point / Melting range:</b>	Not determined
<b>Boiling point / Boiling range:</b>	Not determined
<b>Flash point:</b>	Not determined
<b>Flammability (solid, gaseous):</b>	Not applicable
<b>Ignition temperature:</b>	Not determined
<b>Decompositiontemperature:</b>	Not determined
<b>Self-igniting:</b>	Product is not selfigniting.
<b>Danger of explosion:</b>	Prduct is not explosive. However, formation of explosive air/vapour mixtures are possible.
<b>Explosion limits:</b>	
<b>Lower:</b>	0.8 Vol %
<b>Upper</b>	Not determined
<b>Vapour pressure</b>	Not determined
<b>Density at 20 °C</b>	1,39 -1.41g/ml
<b>Relative density:</b>	Not determined
<b>Vapour density:</b>	Not determined
<b>Evaporationrate:</b>	Not determined
<b>Solubility in / Miscibility with Water:</b>	Not miscible or difficult to mix.
<b>Partition coefficient (n-octanol/water):</b>	Not determined
<b>Viscosity:</b>	
<b>Dynamic:</b>	Not determined
<b>Kinematic:</b>	>90 s (ISO 2431:1993; 6mm JET)
<b>Solvent content:</b>	
<b>VOC (EC)</b>	249 g/l
<b>9.2. Other information</b>	No further relevant information available.

## 10. Stability and reactivity.

### 10.1. Reactivity

### 10.2. Chemical stability

**Thermal decomposition / Conditions to be avoided:** Stable at environment temperature.

**10.3. Possibility of hazardous reactions:** No dangerous reactions known.

**10.4. Conditions to avoid:** Avoid heat, sparkles, naked flame or other sources of ignition

**10.5. Incompatible materials:** No further relevant information available.

**10.6. Hazardous decomposition products:** Carbon monoxide and carbon dioxide

## 11. Toxicological information.

### 11.1. Information on toxicological effects.

#### Acute toxicity:

#### LD/LC 50 values relevant forclassification:

Dermal ATEmix 943 mg/kg (-)

Inhalative ATEmix 35 mg/1 (-)

#### 1330-20-7 xylene

Dermal LD50 >1700 mg/kg (rabbit)

#### 13463-67-7 titanium dioxide

Oral LD50 >20000 mg/kg (rat)

Dermal LD50 >10000 mg/kg (rabbit)

Inhalative LC50/4 h >6.82 mg/l (rat)

#### 26471-62-5 m-tolyldene diisocyanate

Oral LD50 4130 mg/kg (rat)

Dermal LD50 >9400 mg/kg (rabbit)

Inhalative LC50/4 h 0.47 mg/l (rat)

#### Primary irritant effect:

**On the skin** : Irritant to skin and mucous membranes.

**On the eye** : Irritating effect.

**Sensitization:** Sensitization possible through inhalation.

**Sensitisation:** Sensitization possible through skin contact



Saint-Gobain Weber Yapı Kim. San. ve Tic. A.Ş.

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## 12. Ecological information.

### 12.1. Toxicity

#### Acqua toxicity:

26471-62-5 m-tolyldiene diisocyanate

EC50-48h 12.5 mg/l (daphnia magna)

LC50-96h 133 mg/l (Con)

12.2. Persistence and degradability: No further relevant information available.

12.3. Bioaccumulative potential: No further relevant information available.

12.5. Mobility in soil: No further relevant information available.

### 12.6. Results of PBT and vPvB assessment

PBT : No applicable.

vPvB: No applicable.

12.7. Other adverse effects: No further relevant information available.

## 13. Disposal considerations.

### 13.1. Waste treatment methods

#### Recommendation:

Dispose according to National Regulations.

Must not be disposed together with household garbage.

Do not allow product to reach sewage system.

Contact manufacturer for recycling information.

#### Uncleaned packaging:

##### Recommendation:

Disposal must be made according to official regulations.

Packaging may be reused or recycled after cleaning.

## 14. Transport information.

14.1. UN-Number Void

14.2. UN proper shipping name Void

14.3. Transport hazard class(es) Void

14.4. Packing group IATA III

14.5. Environmental hazards: Not applicable.

14.6. Special precautions for user Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC

Code Not applicable.

Transport/Additional information:

ADR

14.8. Remarks: No goods of grade 3 according to 2.2.3.1.5 ADR and 2.3.2.5 IMDG  
ADR: Containers > 450 l = UN 1866 - 3 (F1) - RESIN SOLUTION, flammable  
IMDG: Containers > 30 l = UN 1866 - 3 (F1) - RESIN SOLUTION, flammable  
Outside ADR/IMDG = UN 1866 - 3 (F1) - RESIN SOLUTION, flammable

### 14.9. IMDG

#### Remarks:

No goods of grade 3 according to 2.2.3.1.5 ADR and 2.3.2.5 IMDG  
ADR: Containers > 450 l = UN 1866 - 3 (F1) - RESIN SOLUTION, flammable  
IMDG: Containers > 30 l = UN 1866 - 3 (F1) - RESIN SOLUTION, flammable  
Outside ADR/IMDG = UN 1866 - 3 (F1) - RESIN SOLUTION, flammable



## 15. Regulatory information.

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

The mixture classification is according to CLP Regulation 1272/2008/EC and European Directive 99/45/EC.

REACH Regulation 1907/2006/EC

Regulation 453/2010/EC

CLP Regulation 1272/2008/EC

**Labelling according to Regulation (EC) No 1272/2008** Label elements in Section 2.2

#### National regulations:

#### Substances of very high concern (SVHC) according to REACH, Article 57

It doesn't contain substances of very high concern (SVHC).

### 15.2 Chemical safety assessment:

Not applicable

A Chemical Safety Assessment has not been carried out.

## 16. Other information.

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

### 16.1. Relevant phrases:

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H332	Harmful if inhaled.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H351	Suspected of causing cancer.
H373	May cause damage to organs through prolonged or repeated exposure.
H412	Harmful to aquatic life with long lasting effects.
R10	Flammable.
R20/21	Harmful by inhalation and in contact with skin.
R26	Very toxic by inhalation.
R36/37/38	Irritating to eyes, respiratory system and skin.
R40	Limited evidence of a carcinogenic effect.
R42/43	May cause sensitisation by inhalation and skin contact.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.

### 16.2. Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Flam. Liq. 3: Flammable liquids, Hazard Category 3

Acute Tox. 4: Acute toxicity, Hazard Category 4

Acute Tox. 2: Acute toxicity, Hazard Category 2

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2



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Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2  
Resp. Sens. 1: Sensitisation - Respirat., Hazard Category 1  
Skin Sens. 1: Sensitisation - Skin, Hazard Category 1  
Carc. 2: Carcinogenicity, Hazard Category 2  
STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3  
STOT RE 2: Specific target organ toxicity - Repeated exposure, Hazard Category 2  
Asp. Tox. 1: Aspiration hazard, Hazard Category 1  
Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3