

weber.dry PUR coat Safety Data Sheet

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

1.1. Product identifier

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

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 1272/2008 CLP



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

Acute Tox. 4 H332 Harmful if inhaled.
Skin Irrit. 2 H315 Causes skin irritation.
Eye Irrit. 2 H319 Causes serious eye irritation.
Skin Sens. 1 H317 May cause an allergic skin reaction.
STOT SE 3 H335 May cause respiratory 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.



Xi; Irritant

R36/37/38: Irritating to eyes, respiratory system and skin.



Xi; Sensitising

R43: May cause sensitisation by skin contact.

R10 Flammable.

2.2. Classification system:

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

2.3. 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 GHS07 GHS08

2.4. Signal word danger

Hazard-determining components of labelling: xylene

1,6-hexanediyil-bis(2-(2-(1-ethylpentyl)-3-oxazolidinyl)ethyl)carbamate
3-Isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate, oligomers
3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate
isophorone di-isocyanate

2.5. Hazard statements:

H226 Flammable liquid and vapour.
H332 Harmful if inhaled.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H317 May cause an allergic skin reaction.
H335 May cause respiratory irritation.
H373 May cause damage to organs through prolonged or repeated exposure.
H304 May be fatal if swallowed and enters airways.

2.6. 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 vapours.
P285 In case of inadequate ventilation wear respiratory protection.
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.
P331 Do NOT induce vomiting.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards

Results of PBT and vPvB assessment

PBT : Not applicable.

vPvB: Not applicable.

3. Composition/information on ingredients.

3.1. Chemical characterization: Mixtures

Description: Mixture: Consisting of the following components.

Dangerous components:		
CAS: 1330-20-7 EINECS: 215-535-7 Reg. Nr.:01-2119488216-32-xxxx	Xylene ☠ Xn R20/21-65; ☠ Xi R36/37/38 R10 ☠ Flam. Liq. 3, H226; ☠ STOT RE 2, H373; Asp. Tox.1, H304; ☠ Acute Tox. 4,H312; Acute Tox. 4,H332; Skin Irrit.2,H315; Eye Irrit. 2,H319; STOT SE 3, H335	25-50%
CAS: 140921-24-0 EINECS: 411-700-4 Index number: 616-079-00-5 Reg. Nr.:01-0000015906-63-xxxx	1,6 hexanediyil-bis (2-2-(1-ethylpentyl)-3 oxazolidinyl ethyl carbamate ☠ Xi R43; ☠ Skin Sens. 1, H317	3-<10%
CAS: 108-65-6 EINECS: 203-603-9 Index number: 607-195-00-7 Reg. Nr.:01-2119475791-29-xxxx	2-methoxy-1-methylethyl acetate R10 ☠ Flam. Liq. 3, H226;	3-<10%
CAS: 53880-05-0 NLP: 500-125-5 Reg. Nr.:01-2119488734-24-xxxx	3-Isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate, oligomers ☠ Xi R37 ☠ Xi R43 ☠ Skin Sens.1,H317; STOT SE 3, H335	2.5<3%
CAS: 4098-71-9 EINECS: 223-861-6 Index number: 615-008-00-5 Reg. Nr.:01-2119490408-31-xxxx	3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate isophorone di-isocyanate ☠ T R23; ☠ Xn R42/43; ☠ Xi R36/37/38; ☠ NR51/53 ☠ Acute Tox.1,H300; ☠ Resp. Sens.1, H334; ☠ Aquatic Chronic.2,H411 ☠ Skin Irrit. 2, H315; Eya Irrit 2,H319; Skin Sens.1,H317; STOTSE 3,H335;	0.1-1%

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.

4.2. After inhalation:

Supply fresh air and to be sure call for a doctor.
In case of unconsciousness place patient stably in side position for transportation.
Seek medical treatment in case of complaints.

4.3. After skin contact. Immediately wash with water and soap and rinse thoroughly.

Remove contaminated clothing.
If skin irritation continues, consult a doctor.

4.4. After eye contact.

Rinse opened eye for at least 15 minutes under running water.
Protect unharmed eye.
Remove contact lenses if they are present.
Seek immediate medical advice.

4.5. After swallowing: Do not induce vomiting; call for medical help immediately.

Drink plenty of water and provide fresh air. Call for a doctor immediately. Seek immediate medical advice.

4.6. Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.7. 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: CO₂, 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:

No further relevant information available.

5.3. Advice for firefighters:

Protective equipment: Self contained breathing apparatus and full protective clothing must be worn in case of fire.

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:

Wear protective equipment. Keep unprotected persons away.
Avoid inhalation of vapors. Avoid contact with spilled material. Keep away from ignition sources.

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).
Ensure adequate ventilation.

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.

Information about fire - and explosion protection:

 Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.



Keep away from ignition sources. Keep it in a dry, cool, well ventilated, fixed in advance place, away from sources of heat, flames, ignition and direct sunlight.

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.

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

7.4. Further information about storage conditions: Keep container tightly sealed. Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight

7.5. 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 ³ , 100 ppm Long-term value: 220 mg/m ³ , 50 ppm Sk; BMGV
108-65-62methoxy-1-methylethyl acetate	
WEL	Short-term value: 548 mg/m ³ 100 ppm Long-term value: 724 mg/m ³ 50 ppm. Sk
4098-71-9 3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate isophorone di-isocyanate	
WEL	Short-term value: 0.07, mg/m ³ Long-term value: 0.02, mg/m ³ Sen; as -NCO
Ingredients with biological limit values:	
1330-20-7 xylene	
WEL	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.

8.3. Respiratory protection:

Use suitable respiratory protective device in case of insufficient ventilation.

8.4. 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

8.5. 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.

8.6. 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.

8.7. Eye protection:

Tightly sealed goggles

8.8. Body protection:

Protective work clothing.

9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

General information.

Appearance

Form:	Liquid
Colour:	Various colours
Odour:	Characteristic
Odour threshold:	Not determined
pH-value:	Not determined
Melting point / Melting range:	Not determined
Boiling point / Boiling range:	Not determined

Flash point: Not determined

Flammability (solid, gaseous): Not applicable

Ignition temperature: Not determined

Decomposition temperature: Not determined

Self-igniting: Product is not selfigniting.

Danger of explosion: Prduct is not explosive. However, formation of explosive air/vapour mixtures are possible.

Explosion limits:

Lower:	0.8 Vol %
Upper:	Not determined
Vapour pressure:	Not determined
Density at 20°C:	1,14 g/cm ³
Relative density:	Not determined
Vapour density:	Not determined
Evaporation rate:	Not determined
Solubility in / Miscibility with Water:	Not miscible or difficult to mix
Partition coefficient (n-octanol/water):	Not determined
Viscosity:	Not determined
Dynamic:	Not determined
Kinematic: at 20 °C:	>40s (ISO 2431:1993; 6mm JET)
Solvent VOC (EC):	490 g/t

9.2. Other information 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: Oxidising agents

Avoid heat, sparkles, naked flame or other sources of ignition.

10.5. Incompatible materials: No further relevant information available.

10.6. Hazardous decomposition products: No dangerous decomposition products known.

11. Toxicological information.

11.1. Information on toxicological effects.

Acute toxicity:

LD/LC 50 values relevant for classification: ATE (Acute Toxicity Estimates)

Dermal LD 50 4.520 mg/kg (rabbitt)

Inhalative LC 50/4 h 10.2 mg/l

1330-20-7 xylene

Dermal LD 50 >1700 mg/kg (rabbit)

108-65-62-methoxy-1-methylethyl acetate

Oral LD 50 8532 mg/kg (rat)

4098-71-9 3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate isophorone di-isocyanate

Oral LD 50 >2645 mg/kg (mouse)

Dermal LD 50 >7000 mg/kg (rat)

Inhalative LC 50/4 h 0.031 mg/l (rat)



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Primary irritant effect:

On the skin : Irritant to skin and mucous membranes.

On the eye : No irritating effect.

Sensitization: Sensitization possible through skin contact.

Sensitizing effect by skin contact is possible by prolonged exposure.

12. Ecological information.

12.1. Toxicity

Aquatic toxicity: No further relevant information available.

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

12.3. Bioaccumulative potential: No further relevant information available.

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

12.5. Results of PBT and vPvB assessment

PBT : No applicable.

vPvB: No applicable.

12.6. 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.

13.2. 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

IATA UN1866

14.2 UN proper shipping name

IATA RESIN SOLUTION

14.3 Transport hazard class(es)

IATA



Class 3 Flammable liquids.

Label 3

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.

14.8 Transport/Additional information:

ADR

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

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



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15. Regulatory information.

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

REACH Regulation 1907/2006/EC
Regulation 453/2010/EC
CLP Regulation 1272/2008/EC
The mixture classification is according to CLP Regulation 1272/2008/EC and European Directive 99/45/EC.

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

National regulations:

Other regulations, limitations and prohibitive 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:

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.
H373 May cause damage to organs through prolonged or repeated exposure.
H411 Toxic to aquatic life with long lasting effects.
R10 Flammable.
R20/21 Harmful by inhalation and in contact with skin.
R23 Toxic by inhalation.
R36/37/38 Irritating to eyes, respiratory system and skin.
R37 Irritating to respiratory system.
R42/43 May cause sensitisation by inhalation and skin contact.
R43 May cause sensitisation by skin contact.
R51/53 Toxic 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. 1: Acute toxicity, Hazard Category 1
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2



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Resp. Sens. 1: Sensitisation - Respirat., Hazard Category 1
Skin Sens. 1: Sensitisation - Skin, Hazard Category 1
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 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2