

weber.dry PUR B2K-A component Safety Data Sheet

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

1.1. Product identifier

Code
Product name **WEBER.PUR B2K-A component**

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

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.



GHS09 environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



GHS07

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.



N; Dangerous for the environment

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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 GHS07 GHS08 GHS09

2.3. Signal word Danger

Hazard-determining components of labelling: Xylene

6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine

Dibutyltin Dilaurate

Hazard statements

H226	Flammable liquid and vapour.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
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.
H411	Toxic to aquatic life with long lasting effects.

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.
P331	Do NOT induce vomiting.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3. 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: 106264-79-3 ELINCS: 403-240-8 Index number: 612-113-00-8 Reg. Nr.:01-0000015292-76-xxxx	6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine ☒ Xn R22; ☒ Xi R43; ☒ NR 50/53 ☒ Aquatic Acute.1, H400; Aquatic Chronic.1, H410 ☒ Acute Tox. 4, H302; Skin. Sens.1, H317;	2.5-<3%
CAS: 6442-82-1 EINECS: 265-185-4 Reg. Nr.:01-2119490979-12-xxxxx	Naphtha (petroleum), hydrodesulfurized heavy ☒ Xn R65; ☒ NR 51/53; R67 ☒ Flam. Liq.3, H226; ☒ Asp. Tox.1, H304; ☒ Aquatic Chronic.2, H411 ☒ STOT SE 3, H336	0.3-<1%
CAS: 77-58-7 EINECS: 201-039-8 Reg. Nr.:01-211946068-27-xxxx	dibutyltin dilaurate ☒ T R60-61-48/25; ☒ C R34; ☒ Xn R68; ☒ Xi R43; ☒ N R50/53; ☒ Muta. 2, H341; Repr. 1A, H360FD; STOT SE 1, H370; STOT RE 1, H372; ☒ Skin Corr. 1B, H314; ☒ Aquatic Acute 1, H400; Aquatic Acute 1, H400; ☒ Skin. Sens.1, H317	0.1<0.25%



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.

After skin contact:

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

4.3. After eye contact.

Rinse opened eye for at least 15 minutes under running water. Seek immediate medical advice.

4.4. 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.

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

No further relevant information available.

4.6. 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:

Formation of toxic gases is possible during heating or in case of fire.

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.
Keep away from ignition sources.
Use respiratory protective device against the effects of fumes/dust/aerosol.
Avoid inhalation of vapors.

6.2. Environmental precautions:

Do not allow to enter sewers/ surface or ground water.
Do not allow to penetrate the ground/soil.

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.
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.
Avoid contact with skin, eyes and clothing.
Avoid inhaling vapors.

Information about fire - and explosion protection:

 Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

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.
Prevent any seepage into the ground.
Provide ventilation for receptacles.

Information about storage in one common storage facility:

Store away from oxidising agents.

Further information about storage conditions:

Keep container tightly sealed.
Store in cool, dry conditions in well sealed receptacles.
Store receptacle in a well ventilated area.
Protect from heat and direct sunlight.

7.3. Specific end use (s):

No further relevant information available.

8. Exposure controls/personal protection**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
77-58-7 dibutyltin dilaurate	
WEL	Short-term value: 0,2, mg/m ³ Long-term value: 0,1, mg/m ³ as Sn; Sk
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.

8.3. Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device.
In case of intensive or longer exposure use self-contained respiratory protective device.

Protection of hands:**8.4. 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.

Face protection

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:	Black
Odour:	Characteristic
Odour threshold:	Not determined
pH-value:	Not applicable
Melting point / Melting range:	Not determined
Boiling point / Boiling range:	130-150 °C
Flash point:	27-32 °C
Flammability (solid, gaseous):	Not applicable
Auto-ignition temperature:	488 °C
Decomposition temperature:	Not determined
Self-igniting:	Product is not selfigniting.
Danger of explosion:	Product 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 20 °C: 0.98 g/cm³

Relative density: Not determined

Vapour density: Not determined

Evaporationrate: Not determined

Solubility in / Miscibility with water: Fully miscible

Partition coefficient (n-octanol/water): Not determined

Viscosity: Not determined

Dynamic: Not determined

Kinematic: at 20 °C: >90s (ISO 2431:1993; 6 mm JET)

Solvent content: Not determined

VOC (EC): 170 g/l

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 3861 mg/kg

Inhalative LD 50 38.6 mg/kg (-)

1330-20-7 Xylene

Dermal LD 50 >1700 mg/kg (rabbit)

Inhalative LD 50 5000 ppm (rat)

Primary irritant effect:

On the skin : Irritant to skin and mucous membranes.

On the eye:

Irritating effect.

Potentially irritant

Sensitisation:

Sensitisation possible through skin contact.

Sensitising effect by skin contact is possible by prolonged exposure..

12. Ecological information.

12.1. Toxicity

Acquatic 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. Ecotoxicological effects:

Remark: Toxic for fish.

Additional ecological information:

General notes:

Also poisonous for fish and plankton in water bodies.

The product contains materials that are harmful to the environment.

12.6. Results of PBT and vPvB assessment

PBT : Not applicable.

vPvB: Not applicable.

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

13. Disposal considerations.

13.1. Waste treatment methods

Recommendation

Dispose according 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 ADR, IMDG, IATA	UNI1866
14.2. UN proper shipping name ADR	1866 RESIN SOLUTION, ENVIRONMENTALLY HAZARDOUS
14.3. IMDG	RESIN SOLUTION (6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine, Naphtha (petroleum), hydrodesulfurized heavy), MARINE POLLUTANT
14.4. IATA	RESIN SOLUTION
14.5. Transport hazard class(es) ADR, IMDG	
	
Class	3 Flammable liquids.
Label	3
IATA	
	
Class	3 Flammable liquids.
Label	3
14.6. Packing group ADR, IMDG, IATA	III
14.7. Environmental hazards:	Product contains environmentally hazardous substances: 6-methyl-2,4-bis(methylthio) phenylene-1,3-diamine
Marine pollutant:	Yes
Special marking (ADR):	Symbol (fish and tree)
14.8. Special precautions for user	Warning: Flammable liquids.
Danger code (Kemler):	30
EMS Number:	F-E,S-E
14.9. Transport in bulk according to Annex II of MARPOL73/78 and the IBC	
Code	Not applicable.
Transport/Additional information: ADR	
Limited quantities (LQ)	5L
Excepted quantities (EQ) Code:	E1
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 1000 ml
Transport category	3
Tunnel restriction code	D/E
MDG	
Limited quantities (LQ)	5L
Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 1000 ml
UN "Model Regulation":	UN1866, RESIN SOLUTION, ENVIRONMENTALLY HAZARDOUS, 3, III

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:

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.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H341 Suspected of causing genetic defects.
- H360 FD May damage fertility. May damage the unborn child.
- H370 Causes damage to organs.
- H372 Causes damage to organs through prolonged or repeated exposure.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H411 Toxic to aquatic life with long lasting effects.
- R10 Flammable.
- R20/21 Harmful by inhalation and in contact with skin.
- R22 Harmful if swallowed.
- R34 Causes burns.
- R36/37/38 Irritating to eyes, respiratory system and skin.
- R43 May cause sensitisation by skin contact.
- R48/25 Toxic: danger of serious damage to health by prolonged exposure if swallowed.
- R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R60 May impair fertility.
- R61 May cause harm to the unborn child.
- R65 Harmful: may cause lung damage if swallowed.
- R67 Vapours may cause drowsiness and dizziness.
- R68 Possible risk of irreversible effects.

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
- VOC: Volatile Organic Compounds (USA, EU)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent