

weber.prim EP 2K B Safety Data Sheet

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

1.1. Product identifier

Code
Product name **WEBER.PRİM EP 2K B**

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

Intended use **Epoxy Primer**

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



GHS08 health hazard

Muta 2 H341 Suspected of causing genetic defects.



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.

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



Xn; Harmful

R68 Possible risk of irreversible effects.



Xi; Irritant

R36/38 Irritating to eyes and skin.



Xi; Sensitisation by skin contact.

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.

Classification system:

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

Label elements:

Labelling according to Regulation EC No 1272/2008 CLP

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

Hazard pictograms


GHS07 GHS08 GHS09

Signal word Warning
Hazard-determining components of labelling:

[(tolyoxy)methyl]oxirane reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤700)

2.2. Hazard statements

- H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H317 May cause an allergic skin reaction.
 H341 Suspected of causing genetic defects.
 H411 Toxic to aquatic life with long lasting effects.

2.4. Precautionary statements

- P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P201 Obtain special instructions before use.
 P273 Avoid release to the environment.
 P308+P313 IF exposed or concerned: Get medical advice/attention.
 P337+P313 If eye irritation persists: Get medical advice/attention.
 P363 Wash contaminated clothing before reuse.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.












Additional information:

Contains epoxy constituents. May produce an allergic reaction.

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: 26447-14-3 EINECS: 247-711-4 Index number: 603-056-00-X	[(tolyoxy)methyl]oxirane  Xn R68  Xi R38  Xi R43 Muta. Cat. 3 <hr/>  Muta. 2, H341;  Aquatic Chronic 2, H411  Skin Irrit. 2, H315; Skin Sens. 1, H317	25-50%
CAS: 25068-38-6 NLP: 500-033-5 Index number: 603-074-00-8	reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤700)  Xi R36/38;  Xi R43  N R51/53 <hr/>  Aquatic Chronic 2, H411  Skin Irrit. 2, H315 Eye Irrit. 2, H319; Skin sens. 2, H317	25-50%

4. First aid measures.
Description of first aid measures
4.1. General information:

Take affected persons out in to the fresh air.
 Personal protection for the First Aider.
 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.



4.4. After eye contact.

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids.
Check for and remove any contact lenses. Continue to rinse for at least 10 minutes.
Get medical attention if irritation occurs.

4.5. After swallowing: Never give anything by mouth to an unconscious person

Administer water or milk, only if the victim is conscious. 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

Use fire extinguishing methods suitable to surrounding conditions.

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:

Keep adjacent containers cool by spraying with water.

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. Ensure adequate ventilation. 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). Pick up mechanically.

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:

Avoid contact with skin, eyes and clothing. Use adequate personal protective equipment as required. For more information regarding protective equipment see section 8 No special precautions are necessary if used correctly.

7.2. Information about fire - and explosion protection: No special measures required.

7.3. Conditions for safe storage, including any incompatibilities:

7.4. Storage:

Requirements to be met by storerooms and receptacles:

Storage temperature: <25 °C

Store in a cool location.

Prevent any seepage into the ground.

7.5. Information about storage in one common storage facility: Not required.

7.6. Further information about storage conditions:

Keep container tightly sealed.

7.7. 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:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the work place.

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

8.3. 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.

8.4. Respiratory protection: Use suitable respiratory protective device only when aerosol or mist is formed.

Filter A

Protection of hands:

Protective gloves.

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

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

8.5. Material of gloves.

Rubber, PVC or Viton.

8.6. Eye protection:

Tightly sealed goggles.

8.7. Body protection:

Protective work clothing.

Boots

9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

General information.

Appearance

Form:	Liquid
Colour:	Transparent Yellowish
Odour:	Mild
Odour threshold:	Not determined
pH-value:	Not determined
Melting point / Melting range:	<-15 °C (bibl.)
Boiling point / Boiling range:	Not determined
Flash point:	121 °C (cc Pensky-Martens)
Flammability (solid, gaseous):	Not applicable
Ignition temperature:	Not determined
Decomposition temperature:	Not determined
Self-igniting:	Product is not selfigniting.
Danger of explosion:	Prduct does not present an explosion hazard.

Explosion limits:

Lower:	Not determined
Upper:	Not determined
Vapour pressure:	Not determined
Density at 20°C:	1.14 g/cm ³ Not determined
Relative density:	Not determined
Vapour density:	Not determined
Evaporation rate:	Not determined



WEBER.PRİM EP 2K B

Solubility in / Miscibility with water: 20°C <-1%
Partition coefficient (n-octanol/water): Not determined
Viscosity:
Dynamic at 25 °C: 500-700 cPas
Kinematic: Not determined
Solvent content:

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: No further relevant information available.

10.5. Incompatible materials: Strong oxidising substances. Acids, alkalis. Amines

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

11. Toxicological information.**11.1. Information on toxicological effects.****Acute toxicity:****Primary irritant effect:**

on the skin: Irritant to skin and mucous membranes.

on the eye: Irritating effect.

Sensitization:

Sensitization possible through skin contact.

Sensitizing effect by skin contact is possible by prolonged exposure.

CMR effects(carcinogenicity, mutagenicity and toxicity for reproduction) Muta. 2

12. Ecological information.**12.1. Toxicity****Acquatic toxicity:**

LC50 Oncorhynchus mykiss, static test, 96 h: 2,8 - 5,6 mg/l

EC50 Daphnia magna, static test, 48 h, immobilisation: 3,3 mg/l

IC50 activated sludge: > 100 mg/l

12.2 Persistence and degradability Not easily biodegradable

12.3 Bioaccumulative potential Not bioaccumulative.

12.4 Mobility in soil No further relevant information available.

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.

12.2. Results of PBT and vPvB assessment

PBT : No applicable.

vPvB: No applicable.

12.3. 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**

ADR, IMDG, IATA UN3082

14.2 UN proper shipping name

ADR 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (((tolyloxy) methyl]oxirane, reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤700)
IMDG ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (((tolyloxy) methyl]oxirane, reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤700)), MARINE POLLUTANT
IATA ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (((tolyloxy) methyl]oxirane, reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤700))

14.3 Transport hazard class(es)

ADR, IMDG, IATA



Class 9 Miscellaneous dangerous substances and articles.
Label 9

14.4 Packing group

ADR, IMDG, IATA III

14.5. Environmental hazards:

Marine pollutant: Yes
Symbol (fish and tree)
Special marking (ADR): Symbol (fish and tree)
Special marking (IATA): Symbol (fish and tree)

14.6 Special precautions for user Warning: Miscellaneous dangerous substances and articles.

Danger code (Kemler): 90
EMS Number: F-A, S-F

14.7 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 E

IMDG

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": UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (((tolyloxy)methyl]oxirane, reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight ≤700)), 9, 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 1907/2010/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:

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:

- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H341 Suspected of causing genetic defects.
- H411 Toxic to aquatic life with long lasting effects.
- R36/38 Irritating to eyes and skin.
- R38 Irritating to skin.
- R43 May cause sensitisation by skin contact.
- R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
- 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
- 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)
- Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
- Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2
- Skin Sens. 1: Sensitisation - Skin, Hazard Category 1
- Muta. 2: Germ cell mutagenicity, Hazard Category 2
- Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2