

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

- **1.1 Product identifier**
- **Trade name: BAYCOFLOOR-EP1240 (B-Component)**
- **Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the preparation** Epoxy coating
- **Details of the supplier of the safety data sheet**
  
- **Manufacturer/Supplier:**

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**SECTION 2: Hazards identification**

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS08 health hazard

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



GHS05 corrosion

Skin Corr. 1B      H314 Causes severe skin burns and eye damage.

Eye Dam. 1      H318 Causes serious eye damage.



GHS07

Acute Tox. 4      H302 Harmful if swallowed.


Skin Sens. 1      H317 May cause an allergic skin reaction.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

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



C; Corrosive

R34: Causes burns. 

Xn; Harmful

R21/22-65: Harmful in contact with skin and if swallowed. Harmful: may cause lung damage if swallowed.

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# Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 10.12.2015

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Xi; Sensitising

R43: May cause sensitisation by skin contact.

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Classification system:**

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

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

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

· **Hazard pictograms** GHS05, GHS07, GHS08· **Signal word** Danger**Hazard-determining components of labelling:**

Polyamidoamine adduct.

tris(dimethylaminomethyl)phenol

**Hazard statements**

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H304 May be fatal if swallowed and enters airways.

H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements**

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

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

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P405 Store locked up.

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.**SECTION 3: Composition/information on ingredients****3.2 Chemical characterisation: Mixtures**· **Description:** Polyamidoamine adduct**Dangerous components:**

CAS: Trade Secret Polyamidoamine adduct 50-100%

EINECS: 220-666-8 C R34; Xn R21/22; Xi R43

R52/53

Skin Corr. 1B, H314; Acute Tox. 4, H302; Acute Tox. 4, H312;

Skin Sens. 1, H317; Aquatic Chronic 3, H412

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CAS: 90-72-2	2,4,6-tris(dimethylaminomethyl)phenol	2.5-10%
EINECS: 202-013-9	 Xn R22;  Xi R36/38  Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319	

#### SECTION 4: First aid measures

##### · 4.1 Description of first aid measures

##### · **General information**

Instantly remove any clothing soiled by the product.

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

It is possible to choke in case of vomiting in unconsciousness.

Bring unconscious persons into a stable position on side. Keep the respiratory tract free (remove dentures and vomiting).

Check the pulse. In case of heart failure you have to make a cardiac massage. In case of stoppage of breathing: artificial respiration.

Take up a doctor immediately!

· **After inhalation** Supply fresh air or oxygen; call for doctor.

##### · **After skin contact**

Don't use solvents to clean the skin.

Instantly wash with water and soap and rinse thoroughly. Change immediately contaminated clothes.

After cauterisation, rinse the skin for 15 minutes under cold running water.

· **After eye contact** Rinse opened eye for several minutes under running water. Then consult doctor.

##### · **After swallowing**

Show the pack or the label to the doctor.

Drink copious amounts of water and provide fresh air. Instantly call for doctor.

##### · 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.

#### SECTION 5: Firefighting measures

##### · 5.1 Extinguishing media

##### · **Suitable extinguishing agents**

CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

· **For safety reasons unsuitable extinguishing agents** Water with a full water jet.

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

Formation of poisonous gases during heating or in fires.

##### · 5.3 Advice for firefighters

· **Protective equipment:** Wear self-contained breathing apparatus.

##### · **Additional information**

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

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**SECTION 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

· **6.2 Environmental precautions:** Do not allow product to reach sewage system or water bodies.· **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 8 for information on personal protection equipment.

**SECTION 7: Handling and storage**· **7.1 Precautions for safe handling** Keep away from children.· **Information about protection against explosions and fires:** No special measures required.· **7.2 Conditions for safe storage, including any incompatibilities**· **Storage**· **Requirements to be met by storerooms and containers:** No special requirements.· **Information about storage in one common storage facility:** Store away from foodstuffs.· **Further information about storage conditions:**

Keep container tightly sealed.

Store in a locked cabinet and out of the reach of children.

· **7.3 Specific end use(s)** No further relevant information available.**SECTION 8: Exposure controls/personal protection**· **Additional information about design of technical systems:**

It must be possible to wash the skin in the working area. Eye-wash bottle must be available.

No further data; see item 7 MSDS.

· **8.1 Control parameters**· **Components with critical 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 workplace.

· **Additional information:** The lists that were valid during the compilation were used as basis.· **8.2 Exposure controls**· **Personal protective equipment**· **General protective and hygienic measures**

The usual precautionary measures should be adhered to in handling the chemicals. Instantly remove any soiled and impregnated garments.

Wash hands during breaks and at the end of the work. Avoid contact with the eyes and skin.

· **Breathing equipment:** Not required.· **Protection of hands:** Hand Protection: Nitril-rubber-latex-gloves.· **Material of gloves**

Butyl rubber II R: Thickness  $\geq 0,5\text{mm}$ ; Break through time  $\geq 480\text{ min}$

· **Penetration time of glove material**

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:** Safety glasses

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**SECTION 9: Physical and chemical properties**

· 9.1 Information on basic physical and chemical properties

· **General Information**

· **Appearance:** Fluid  
 · **Form:** Light yellow  
 · **Colour:** Amine-like  
 · **Smell:** 14

· **pH-value at 20 °C:**· **Change in condition**

· **Melting point/Melting range:** Not determined  
 · **Boiling point/Boiling range:** Not determined

· **Flash point:** 77 °C· **Self-inflammability:** Product is not selfigniting.· **Danger of explosion:** Product is not explosive. However, formation of explosive air/steam mixtures is possible.· **Density at 20 °C** 0.878 g/cm<sup>3</sup>· **Solubility in / Miscibility with**· **Water:** Not miscible or difficult to mix· **Viscosity:**· **dynamic at 20 °C:** 24 mPas· **9.2 Other information** No further relevant information available.**SECTION 10: Stability and reactivity**· **10.3 Possibility of hazardous reactions**

Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomised Develops corrosive gases / fumes

· **10.4 Conditions to avoid** No further relevant information available.· **10.5 Incompatible materials:** No further relevant information available.· **10.6 Hazardous decomposition products:** Corrosive gases/vapours**SECTION 11: Toxicological information**· **11.1 Information on toxicological effects**· **Acute toxicity:**· **LD/LC50 values that are relevant for classification:****Polyamidoamine adduct**

Oral LD50 1030 mg/kg (rats)

Dermal LD50 1840 mg/kg (rabbit)

· **Primary irritant effect:**· **on the skin:** Caustic effect on skin and mucous membranes.· **on the eye:** Strong caustic effect.

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- **Sensitisation:** Sensitization possible by skin contact.
- **Additional toxicological information:**  
The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:  
Corrosive  
Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.

### SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:**  
**Polyamidoamine adduct**  
EC/10/18h 1120 mg/l (Pseudomas putida)  
EC50 >50 mg/l (algae toxicity)  
EC50 (48h) 23 mg/l (Daphnia magna)  
LC50/96h 110 mg/l (Brachydanio rerio)
- **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.
- **Additional ecological information:**
- **General notes:**  
Water hazard class 1 (Self-assessment): slightly hazardous for water.  
Do not allow product to reach ground water, water bodies or sewage system.  
Must not reach sewage water or drainage ditch undiluted or unneutralised.  
Danger to drinking water if even small quantities leak into soil.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**  
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **European waste catalogue**  
07 00 00 WASTES FROM ORGANIC CHEMICAL PROCESSES  
07 02 00 wastes from the MFSU of plastics, synthetic rubber and man-made fibres  
07 02 04 other organic solvents, washing liquids and mother liquors  
07 00 00 WASTES FROM ORGANIC CHEMICAL PROCESSES  
07 02 00 wastes from the MFSU of plastics, synthetic rubber and man-made fibres  
07 02 99 wastes not otherwise specified
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

### SECTION 14: Transport information

- **14.1 UN-Number**
- **ADR, IMDG, IATA** UN2735

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· 14.2 UN proper shipping name	
· ADR	2735 AMINES, LIQUID, CORROSIVE, N.O.S. (ISOPHORONEDIAMINE)
· IMDG	AMINES, LIQUID, CORROSIVE, N.O.S. (ISOPHORONEDIAMINE), MARINE POLLUTANT
· IATA	AMINES, LIQUID, CORROSIVE, N.O.S. (ISOPHORONEDIAMINE)

· 14.3 Transport hazard class(es)

· ADR, IATA



· Class	8 Corrosive substances.
· Label	8

· IMDG



· Class	8 Corrosive substances.
· Label	8

· 14.4 Packing group

· ADR, IMDG, IATA III

· 14.5 Environmental hazards:

· Marine pollutant:	Yes Symbol (fish and tree)
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· 14.6 Special precautions for user

· Warning:	Warning: Corrosive substances.
· Kemler Number:	80
· EMS Number:	F-A,S-B
· Segregation groups	Alkalis

· 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
· Transport category	3
· Tunnel restriction code	E

· UN "Model Regulation":	UN2735, AMINES, LIQUID, CORROSIVE, N.O.S. (ISOPHORONEDIAMINE), 8, III
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### SECTION 15: Regulatory information

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

· National regulations

· Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

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· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**SECTION 16: Other information**

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

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.  
H412 Harmful to aquatic life with long lasting effects.

R21/22 Harmful in contact with skin and if swallowed. R22 Harmful if swallowed.

R34 Causes burns.

R36/38 Irritating to eyes and skin.

R43 May cause sensitisation by 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.

R66 Repeated exposure may cause skin dryness or cracking.

· **Department issuing data specification sheet:** Environment protection department.

**Contact:** AB-SCHOMBURG YAPI KIMYASALLARI A.Ş.

· **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 Harmonised 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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Acute Tox. 4: Acute toxicity, Hazard Category 4

Skin Corr. 1B: Skin corrosion/irritation, Hazard Category 1B

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

Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2

Skin Sens. 1: Sensitisation - Skin, Hazard Category 1

Asp. Tox. 1: Aspiration hazard, Hazard Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3

· **\* Data compared to the previous version altered.**