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

Name of product	HeiQ Adaptive AC-03
Manufacturer/distributor	HeiQ Materials AG Zürcherstrasse 42, CH-5330 Bad Zurzach Phone +41 (0)56 250 68 50, Fax +41 (0)56 250 68 51 E-Mail productsafety@heiq.com
Advice	Phone +41 (0)56 250 68 50
Emergency advice	Swiss toxicological Information Center Phone 145 or +41 (0)44 251 51 51

2. Hazards identification

Additional hints

The preparation is not classified as hazardous according to Directive 1999/45/EC.
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

3. Composition/information on ingredients

Description

Finishing agent on polymer resin / water basis.

Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
		Fatty alcohol, ethoxylated, propoxylated	ca. 0.4	N R51/53

4. First aid measures

General information

In the event of persistent symptoms receive medical treatment.

In case of inhalation

Ensure of fresh air.

In the event of symptoms refer for medical treatment.

In case of skin contact

In case of contact with skin wash off with soap and water.

In case of eye contact

In case of contact with eyes rinse with plenty of water carefully. In the event of persistent symptoms seek medical treatment.

In case of ingestion

Do not induce vomiting.

If swallowed seek medical advice immediately and show the doctor packing or label.

Rinse out mouth thoroughly with water.

Give plenty of water to drink in small sips.

5. Firefighting measures

Suitable extinguishing media

Product does not burn, fire-extinguishing activities according to surrounding.

Foam

Dry powder

Carbon dioxide

Water spray jet

Extinguishing media which must not be used for safety reasons

Full water jet

Special hazards arising from the substance or mixture

In case of fire formation of dangerous gases possible.

In the event of fire the following can be released:

Carbon monoxide (CO)

Carbon dioxide (CO₂)

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.

6. Accidental release measures

Personal precautions

Avoid contact with skin and eyes.

Take the usual precautions when handling chemicals.

Use personal protective clothing.

Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

Methods for cleaning up

Ensure adequate ventilation.

Send in suitable containers for recovery or disposal.

After taking up the material dispose according to regulation.

Take up mechanically and send for disposal.

Additional Information

Informations for safe handling see chapter 7.

Informations for personal protective equipment see chapter 8.

Informations for disposal see chapter 13.

7. Handling and storage

Advice on safe handling

Avoid contact with skin and eyes.

Use personal protective clothing.

Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.

Advice on protection against fire and explosion

No special measures necessary if used correctly.

Requirements for storage rooms and vessels

Ventilate store-rooms thoroughly.

Only use containers that are approved specifically for the substance/product.
No special measures required.

Advice on storage compatibility

Store at cool and aired place and at distance to acids and alkalies.

Further information on storage conditions

Store only in original container at cool and aired place.
Protect from heat and direct solar radiation.

8. Exposure controls/personal protection

Additional advice on system design

Care for thorough room ventilation, if necessary provide local air ventilation.

Ingredients with occupational exposure limits to be monitored

CAS No	Name	Code	[mg/m ³]	[ppm]	Remark
126-71-6	triisobutyl phosphate	8 hours	50	2(II)	AGS, Sh

Respiratory protection

In case of insufficient ventilation or long-term effect use breathing apparatus.
Breathing apparatus in the event of aerosol or mist formation.
Multi-purpose filter ABEK

Hand protection

Permeationslevel 6
Penetrationslevel acc. to EN374:3
Glove material specification [make/type, thickness, permeation time/life, wetting resistance]: nitrile rubber or butyle rubber; 0,4 mm; ca 480 Min.
Please observe the glove manufacturer's instructions on permeability and ruptur times as well as the specific workplace conditions.

Eye protection

safety goggles with side protection

Skin protection

No special measures necessary if used correctly.

General protective measures

Avoid contact with eyes and skin

Hygiene measures

Do not eat or drink when working.
Keep away from food and drink.
Wash hands before breaks and after work.

9. Physical and chemical properties

Form

liquid

Colour

not determined

Odour

characteristic

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value in delivery state	4 - 8				

	Value	Temperature	at	Method	Remark
boiling point	not determined				
melting point	not applicable				
Flash point	> 100 °C				
Flammable solid	not determined				
Ignition temperature	not determined				
Lower explosion limit	No data available.				
Upper explosion limit	No data available.				
Density	1 g/cm3				

10. Stability and reactivity

Conditions to avoid

Avoid heat.

Materials to avoid

Reactions with strong oxidising agents.

Hazardous decomposition products

Carbon dioxide

If heated dangerous gases/vapours may arise.

11. Toxicological information

Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
Irritability skin	low irritant effect - not necessary to label			
Irritability eye	low irritant - no labeling duty			

Additional information

No toxicological data available.

The product has not been tested. The information is derived from the properties of the individual components.

Labelling in compliance with the assessment procedure specified in the EC guidelines 1999/45/EC.

12. Ecological information

Ecotoxicological effects

	Value	Species	Method	Validation
Fish	No data available.			
Daphnia	No data available.			

General regulation

The declared ecologic dates are determined by analogic concluding.

Product is not allowed to be discharged into the ground water or aquatic environment.

The ecotoxic effect of the product has not been tested. The information on this was derived from products of similar structure or composition.

13. Disposal considerations

Recommendations for the product

In accordance with regulations for special waste, must be taken to a special waste disposal.

Dispose of as hazardous waste.

Recommendations for packaging

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

Packaging that cannot be cleaned should be disposed of like the product.

General information

The Waste code is that of the process of origin and is therefore not indicated.

For the disposal within the EU the appropriate waste code must be used as prescribed by the European Waste Catalogue.

14. Transport information

Land and inland navigation transport ADR/RID

No dangerous goods as defined by these transport regulations

Marine transport IMDG

No hazardous material as defined by the prescriptions.

Air transport ICAO/IATA-DGR

No hazardous material as defined by the prescriptions.

15. Regulatory information

Remarks for labelling

The product is classified and labelled in accordance with EC directives/the relevant national laws.

Classification happened on the basis of calculation methods of preparation directive (1999/45/EC).

Special rules for supplemental label elements for certain mixtures

Contains triisobutyl phosphate. May produce an allergic reaction.

National regulations

Water hazard class

1

slightly hazardous to waters, self-classification

16. Other information

Recommendend uses and restrictions

National and local regulations concerning chemicals shall be observed.

Further information

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Wording of the R/H-phrases specified in chapter 3 (not the classification of the mixture!)

R 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.