

according to Regulation (EC) No 1907/2006

### ParaBond Adhesive A

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

## 1.1. Product identifier

ParaBond Adhesive A

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

#### Use of the substance/mixture

for dental use only

### 1.3. Details of the supplier of the safety data sheet

Company name: COLTENE/Whaledent AG Street: Feldwiesenstrasse 20 Place: CH-9450 Altstätten Telephone: +41 (71) 75 75 300 Telefax: +41 (71) 75 75 301 e-mail: info.ch@coltene.com www.coltene.com Internet: Responsible Department: Regulatory Affairs

msds@coltene.com

1.4. Emergency telephone

+41 (0) 44 251 51 51 - Tox Info Suisse (24 h)

number:

#### **SECTION 2: Hazards identification**

#### 2.1. Classification of the substance or mixture

# Regulation (EC) No. 1272/2008

Hazard categories:

Flammable liquid: Flam. Liq. 2 Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Irrit. 2 Respiratory or skin sensitisation: Skin Sens. 1

Specific target organ toxicity - single exposure: STOT SE 3

Hazard Statements:

Highly flammable liquid and vapour.

Causes skin irritation.

May cause an allergic skin reaction. Causes serious eye irritation. May cause respiratory irritation.

#### 2.2. Label elements

## Regulation (EC) No. 1272/2008

#### Hazard components for labelling

2-hydroxyethyl methacrylate

dibenzoyl peroxide; benzoyl peroxide

Signal word: Danger

Pictograms:





#### **Hazard statements**

Highly flammable liquid and vapour. H225

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.



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H319 Causes serious eye irritation. H335 May cause respiratory irritation.

#### **Precautionary statements**

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

P302+P352 IF ON SKIN: Wash with plenty of water.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

#### Additional advice on labelling

Medical devices as defined in Directive 93/42/EEC and which are invasive or used in direct physical contact with the human body, are exempted from the provisions of Regulation (EC) No 1272/2008 (CLP/GHS) usually if they are in the finished state and intended for the final user.

## **SECTION 3: Composition/information on ingredients**

#### 3.2. Mixtures

#### Hazardous components

CAS No	Chemical name			Quantity		
	EC No	Index No	REACH No			
	Classification according to Regu	lation (EC) No. 1272/2008 [C	LP]			
868-77-9	2-hydroxyethyl methacrylate			30 - < 35 %		
	212-782-2	607-124-00-X				
	Eye Irrit. 2, Skin Irrit. 2, Skin Ser	ns. 1; H319 H315 H317	·			
64-17-5	ethanol, ethyl alcohol			25 - < 30 %		
	200-578-6	603-002-00-5				
	Flam. Liq. 2; H225		·			
1830-78-0	GDMA					
	217-388-4					
	Skin Irrit. 2, Eye Irrit. 2, STOT SE 3; H315 H319 H335					
94-36-0	dibenzoyl peroxide; benzoyl peroxide					
	202-327-6	617-008-00-0				
	Org. Perox. B, Eye Irrit. 2, Skin Sens. 1; H241 H319 H317					

Full text of H and EUH statements: see section 16.

### **SECTION 4: First aid measures**

# 4.1. Description of first aid measures

# After inhalation

Provide fresh air.

### After contact with skin

After contact with skin, wash immediately with: Water and soap.

# After contact with eyes

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

# After ingestion

Seek medical advice.



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## **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

#### Suitable extinguishing media

Water spray. Foam. Extinguishing powder. Carbon dioxide (CO2). Sand.

#### **Additional information**

Co-ordinate fire-fighting measures to the fire surroundings.

#### **SECTION 6: Accidental release measures**

## 6.1. Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Provide adequate ventilation. Remove persons to safety.

#### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

#### 6.3. Methods and material for containment and cleaning up

Wipe up with absorbent material (eg. cloth, fleece). Clear contaminated areas thoroughly.

## **SECTION 7: Handling and storage**

#### 7.1. Precautions for safe handling

### Advice on safe handling

Avoid contact with skin and eyes.

for professional use only Keep out of the reach of children.

Observe instructions for use.

#### Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking.

### Further information on handling

After use replace the closing cap immediately.

#### 7.2. Conditions for safe storage, including any incompatibilities

## Requirements for storage rooms and vessels

Keep container tightly closed and in a well-ventilated place.

#### Further information on storage conditions

Recommended storage temperature: 4 - 8 °C

# **SECTION 8: Exposure controls/personal protection**

# 8.1. Control parameters

### **Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
94-36-0	Dibenzoyl peroxide	-	5		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL
64-17-5	Ethanol	1000	1920		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

# 8.2. Exposure controls

## Protective and hygiene measures

When using do not eat, drink or smoke.



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# Eye/face protection

Framed glasses.

#### Hand protection

Single-use gloves.

#### Skin protection

Lab apron.

#### Respiratory protection

Provide adequate ventilation.

## **SECTION 9: Physical and chemical properties**

# 9.1. Information on basic physical and chemical properties

Physical state: liquid
Colour: colourless
Odour: characteristic

Test method

pH-Value: 6.5

Changes in the physical state

Density: 1.02 g/cm³ Water solubility: partially soluble

Solubility in other solvents

Ethanol.

# **SECTION 10: Stability and reactivity**

## 10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

### 10.4. Conditions to avoid

heat.

## 10.5. Incompatible materials

Oxidizing agents.

# **SECTION 11: Toxicological information**

# 11.1. Information on toxicological effects

## **Acute toxicity**

Based on available data, the classification criteria are not met.



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CAS No	Chemical name						
	Exposure route	Dose		Species	Source	Method	
868-77-9	2-hydroxyethyl methacry	late					
	oral	LD50 mg/kg	5050	Rat			
64-17-5	ethanol, ethyl alcohol						
	oral	LD50 mg/kg	6200	Rat	IUCLID		
	inhalative (4 h) vapour	LC50	95,6 mg/l	Rat	RTECS		
1830-78-0	GDMA						
	oral	LD50 mg/kg	>2000	Rat		OECD 423	

# Irritation and corrosivity

Causes skin irritation.

Causes serious eye irritation.

#### Sensitising effects

May cause an allergic skin reaction. (2-hydroxyethyl methacrylate), (dibenzoyl peroxide; benzoyl peroxide)

# STOT-single exposure

May cause respiratory irritation.

# **SECTION 12: Ecological information**

### 12.1. Toxicity

CAS No	Chemical name						
	Aquatic toxicity	Dose		[h]   [d]	Species	Source	Method
868-77-9	2-hydroxyethyl methacrylate						
	Acute fish toxicity	LC50	227 mg/l	96 h	Pimephales promelas		
64-17-5	ethanol, ethyl alcohol						
	Acute crustacea toxicity	EC50 14221 mg/l	9268 -	48 h	Daphnia magna	IUCLID	
1830-78-0	GDMA						
	Acute fish toxicity	LC50 mg/l	43.2		Poecilia reticulata (Guppy)		

# 12.3. Bioaccumulative potential

#### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
868-77-9	2-hydroxyethyl methacrylate	0,47
64-17-5	ethanol, ethyl alcohol	-0,31

# **Further information**

According to the criteria of the EC-classification and labelling "dangerous for the environment" (93/21/EEC) the material/product is not to be classified as dangerous to the environment.

## **SECTION 13: Disposal considerations**

# 13.1. Waste treatment methods

# Advice on disposal

Can be burnt together with household waste in compliance with official regulations in contact with approved



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waste disposal companies and with authorities in charge.

# **SECTION 14: Transport information**

## Land transport (ADR/RID)

**14.1. UN number:** UN 1170

14.2. UN proper shipping name: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

14.3. Transport hazard class(es):314.4. Packing group:IIHazard label:3Classification code:F1Limited quantity:LQ4Hazard No:33

### Other applicable information (land transport)

Special provisions: 274

E3 : 1 D/E

Special provisions: 274 601 640C

E2 : 2

Special provisions: 640C Special provisions: 144 601

# Marine transport (IMDG)

**14.1. UN number:** UN 1170

14.2. UN proper shipping name: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

 14.3. Transport hazard class(es):
 3

 14.4. Packing group:
 II

 Hazard label:
 3

 Limited quantity:
 3 L

 EmS:
 F-E, S-D

# Other applicable information (marine transport)

Special provisions: 274, 330, 944 Special provisions: 944

Special provisions: 944 Special provisions: 144, 330

### Air transport (ICAO-TI/IATA-DGR)

**14.1. UN number:** UN 1170

14.2. UN proper shipping name: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

14.3. Transport hazard class(es):314.4. Packing group:IIHazard label:3Limited quantity Passenger:1 L

IATA-packing instructions - Passenger: 305
IATA-max. quantity - Passenger: 5 L
IATA-packing instructions - Cargo: 307
IATA-max. quantity - Cargo: 60 L

## Other applicable information (air transport)

E2 : Y305 60 L



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# **SECTION 15: Regulatory information**

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

**National regulatory information** 

**Additional information** 

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# **SECTION 16: Other information**

# Relevant H and EUH statements (number and full text)

H225 Highly flammable liquid and vapour.
H241 Heating may cause a fire or explosion.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.
 H319 Causes serious eye irritation.
 H335 May cause respiratory irritation.

#### **Further Information**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)



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### ParaBond Adhesive B

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

## 1.1. Product identifier

ParaBond Adhesive B

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

#### Use of the substance/mixture

for dental use only

### 1.3. Details of the supplier of the safety data sheet

Company name: COLTENE/Whaledent AG Street: Feldwiesenstrasse 20 Place: CH-9450 Altstätten +41 (71) 75 75 300 Telephone: Telefax: +41 (71) 75 75 301 e-mail: info.ch@coltene.com Internet: www.coltene.com Responsible Department: Regulatory Affairs

msds@coltene.com

1.4. Emergency telephone

+41 (0) 44 251 51 51 - Tox Info Suisse (24 h)

number:

#### **SECTION 2: Hazards identification**

# 2.1. Classification of the substance or mixture

### Regulation (EC) No. 1272/2008

Hazard categories:

Flammable liquid: Flam. Liq. 2

Hazard Statements:

Highly flammable liquid and vapour.

# 2.2. Label elements

#### Regulation (EC) No. 1272/2008

Signal word: Danger

Pictograms:



### **Hazard statements**

H225 Highly flammable liquid and vapour.

#### **Precautionary statements**

Keep container tightly closed.

### Additional advice on labelling

Medical devices as defined in Directive 93/42/EEC and which are invasive or used in direct physical contact with the human body, are exempted from the provisions of Regulation (EC) No 1272/2008 (CLP/GHS) usually if they are in the finished state and intended for the final user.

### **SECTION 3: Composition/information on ingredients**

## 3.2. Mixtures

Revision No. 2 GB - FN



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#### **Hazardous components**

CAS No	Chemical name						
	EC No Index No REACH No						
	Classification according to Regulation (EC) No. 1272/2008 [CLP]						
64-17-5	ethanol, ethyl alcohol			85 - < 90 %			
	200-578-6	603-002-00-5					
	Flam. Liq. 2; H225						

Full text of H and EUH statements: see section 16.

## **SECTION 4: First aid measures**

#### 4.1. Description of first aid measures

#### After inhalation

Provide fresh air.

#### After contact with skin

After contact with skin, wash immediately with: Water and soap.

#### After contact with eyes

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

#### After inaestion

Seek medical advice.

# **SECTION 5: Firefighting measures**

## 5.1. Extinguishing media

## Suitable extinguishing media

Water spray. Foam. Extinguishing powder. Carbon dioxide (CO2). Sand.

# Additional information

Co-ordinate fire-fighting measures to the fire surroundings.

# **SECTION 6: Accidental release measures**

## 6.1. Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Provide adequate ventilation. Remove persons to safety.

#### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

#### 6.3. Methods and material for containment and cleaning up

Wipe up with absorbent material (eg. cloth, fleece). Clear contaminated areas thoroughly.

## **SECTION 7: Handling and storage**

### 7.1. Precautions for safe handling

#### Advice on safe handling

Avoid contact with skin and eyes.

for professional use only Keep out of the reach of children.

Observe instructions for use.

### Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking.

### Further information on handling

After use replace the closing cap immediately.

## 7.2. Conditions for safe storage, including any incompatibilities



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### ParaBond Adhesive B

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## Requirements for storage rooms and vessels

Keep container tightly closed and in a well-ventilated place.

#### Further information on storage conditions

Recommended storage temperature: 4 - 8 °C

### **SECTION 8: Exposure controls/personal protection**

## 8.1. Control parameters

### **Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
64-17-5	Ethanol	1000	1920		TWA (8 h)	WEL
		-	-	ĺ	STEL (15 min)	WEL

### 8.2. Exposure controls

### Protective and hygiene measures

When using do not eat, drink or smoke.

#### Eye/face protection

Framed glasses.

# Hand protection

Single-use gloves.

#### Skin protection

Lab apron.

#### Respiratory protection

Provide adequate ventilation.

# **SECTION 9: Physical and chemical properties**

# 9.1. Information on basic physical and chemical properties

Physical state: liquid
Colour: colourless
Odour: characteristic

Test method

## Changes in the physical state

Initial boiling point and boiling range: 78 - 80 °C

Flash point: 15 °C

Lower explosion limits: 3.5 vol. %

Upper explosion limits: 19 vol. %

Density: 0.84 g/cm³

Water solubility: easily soluble.

# **SECTION 10: Stability and reactivity**

# 10.4. Conditions to avoid

heat.

# 10.5. Incompatible materials

Oxidizing agents.

# **SECTION 11: Toxicological information**



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### ParaBond Adhesive B

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## 11.1. Information on toxicological effects

#### **Acute toxicity**

Based on available data, the classification criteria are not met.

CAS No	Chemical name							
	Exposure route	Dose		Species	Source	Method		
64-17-5	ethanol, ethyl alcohol	ethanol, ethyl alcohol						
	oral	LD50 mg/kg	6200	Rat	IUCLID			
	inhalative (4 h) vapour	LC50	95,6 mg/l	Rat	RTECS			

#### Irritation and corrosivity

Hazards identification: Frequently or prolonged contact with skin may cause dermal irritation.

#### Sensitising effects

Based on available data, the classification criteria are not met.

# **SECTION 12: Ecological information**

#### 12.1. Toxicity

CAS No	Chemical name						
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method	
64-17-5	ethanol, ethyl alcohol						
	Acute crustacea toxicity	EC50 9268 - 14221 mg/l	48 h	Daphnia magna	IUCLID		

# 12.3. Bioaccumulative potential

### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
64-17-5	ethanol, ethyl alcohol	-0,31

# **Further information**

According to the criteria of the EC-classification and labelling "dangerous for the environment" (93/21/EEC) the material/product is not to be classified as dangerous to the environment.

# **SECTION 13: Disposal considerations**

## 13.1. Waste treatment methods

# Advice on disposal

Can be burnt together with household waste in compliance with official regulations in contact with approved waste disposal companies and with authorities in charge.

### **SECTION 14: Transport information**

### Land transport (ADR/RID)

**14.1. UN number:** UN 1170

14.2. UN proper shipping name: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

14.3. Transport hazard class(es):314.4. Packing group:IIHazard label:3Classification code:F1Limited quantity:LQ4



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Hazard No: 33

Other applicable information (land transport)

Special provisions: 274

E3 : 1 D/E

Special provisions: 274 601 640C

E2 : 2

Special provisions: 640C Special provisions: 144 601

Marine transport (IMDG)

**14.1. UN number:** UN 1170

14.2. UN proper shipping name: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

14.3. Transport hazard class(es):314.4. Packing group:IIHazard label:3Limited quantity:3 LEmS:F-E, S-D

Other applicable information (marine transport)

Special provisions: 274, 330, 944 Special provisions: 944 Special provisions: 144, 330

Air transport (ICAO-TI/IATA-DGR)

**14.1. UN number:** UN 1170

14.2. UN proper shipping name: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

14.3. Transport hazard class(es):314.4. Packing group:IIHazard label:3Limited quantity Passenger:1 L

IATA-packing instructions - Passenger: 305
IATA-max. quantity - Passenger: 5 L
IATA-packing instructions - Cargo: 307
IATA-max. quantity - Cargo: 60 L

Other applicable information (air transport)

E2 : Y305 60 L

# **SECTION 15: Regulatory information**

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

National regulatory information

**Additional information** 

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#### **SECTION 16: Other information**

#### Relevant H and EUH statements (number and full text)

H225 Highly flammable liquid and vapour.



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#### **Further Information**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)



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#### **ParaBond Non-Rinse Conditioner**

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

## 1.1. Product identifier

ParaBond Non-Rinse Conditioner

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

#### Use of the substance/mixture

for dental use only

#### 1.3. Details of the supplier of the safety data sheet

Company name: COLTENE/Whaledent AG Street: Feldwiesenstrasse 20 Place: CH-9450 Altstätten +41 (71) 75 75 300 Telephone: Telefax: +41 (71) 75 75 301 e-mail: info.ch@coltene.com Internet: www.coltene.com Responsible Department: Regulatory Affairs

msds@coltene.com

**1.4. Emergency telephone** +41 (0) 44 251 51 51 - Tox Info Suisse (24 h)

number:

# **SECTION 2: Hazards identification**

#### 2.1. Classification of the substance or mixture

# Regulation (EC) No. 1272/2008

Hazard categories:

Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Irrit. 2 Respiratory or skin sensitisation: Skin Sens. 1

Hazard Statements: Causes skin irritation.

May cause an allergic skin reaction. Causes serious eye irritation.

### 2.2. Label elements

## Regulation (EC) No. 1272/2008

#### Hazard components for labelling

2-hydroxyethyl methacrylate

Signal word: Warning

Pictograms:



### **Hazard statements**

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.

# **Precautionary statements**

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

P302+P352 IF ON SKIN: Wash with plenty of water.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if



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present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

#### Additional advice on labelling

Medical devices as defined in Directive 93/42/EEC and which are invasive or used in direct physical contact with the human body, are exempted from the provisions of Regulation (EC) No 1272/2008 (CLP/GHS) usually if they are in the finished state and intended for the final user.

### **SECTION 3: Composition/information on ingredients**

#### 3.2. Mixtures

#### **Hazardous components**

CAS No	Chemical name						
	EC No	Index No	REACH No				
	Classification according to Regulation (EC) No. 1272/2008 [CLP]						
868-77-9	9 2-hydroxyethyl methacrylate						
	212-782-2	607-124-00-X					
	Eye Irrit. 2, Skin Irrit. 2, Skin Sens.	1; H319 H315 H317					
15214-89-8	Acrylamido sulphonic acid			5 - < 10 %			
	239-268-0						
	Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, STOT SE 3; H302 H315 H319 H335						

Full text of H and EUH statements: see section 16.

### **SECTION 4: First aid measures**

# 4.1. Description of first aid measures

#### After contact with skin

After contact with skin, wash immediately with: Water and soap.

### After contact with eyes

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

# After ingestion

Seek medical attention if problems persist.

# **SECTION 5: Firefighting measures**

# 5.1. Extinguishing media

### Suitable extinguishing media

Water. Foam. Extinguishing powder. Carbon dioxide (CO2). Sand.

# Additional information

Co-ordinate fire-fighting measures to the fire surroundings.

# **SECTION 6: Accidental release measures**

### 6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes.

### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

## 6.3. Methods and material for containment and cleaning up

Wipe up with absorbent material (eg. cloth, fleece). Clear contaminated areas thoroughly

## **SECTION 7: Handling and storage**



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## 7.1. Precautions for safe handling

## Advice on safe handling

Avoid contact with skin and eyes.

for professional use only Keep out of the reach of children.

Observe instructions for use.

#### Further information on handling

After use replace the closing cap immediately.

# 7.2. Conditions for safe storage, including any incompatibilities

### Further information on storage conditions

Substances sensitive to light.

Recommended storage temperature: 4 - 8 °C

## **SECTION 8: Exposure controls/personal protection**

#### 8.1. Control parameters

# 8.2. Exposure controls

### Protective and hygiene measures

When using do not eat, drink or smoke.

### Eye/face protection

Framed glasses.

#### Hand protection

Single-use gloves.

# Skin protection

Lab apron.

# **SECTION 9: Physical and chemical properties**

## 9.1. Information on basic physical and chemical properties

Physical state: liquid
Colour: colourless

Test method

Changes in the physical state

Density: 1.2 g/cm³

Solubility in other solvents

Ethanol.

## **SECTION 10: Stability and reactivity**

#### 10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

#### 10.4. Conditions to avoid

Light.

UV-radiation/sunlight.

# **SECTION 11: Toxicological information**

# 11.1. Information on toxicological effects

#### **Acute toxicity**

Based on available data, the classification criteria are not met.



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# **ParaBond Non-Rinse Conditioner**

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CAS No	Chemical name						
	Exposure route	Dose	Species	Source	Method		
868-77-9	2-hydroxyethyl methacrylate						
	oral	LD50 5050 mg/kg	Rat				
15214-89-8	Acrylamido sulphonic acid						
	oral	LD50 1830 mg/kg	Rat	literature value			

#### Irritation and corrosivity

Causes skin irritation.

Causes serious eye irritation.

### Sensitising effects

May cause an allergic skin reaction. (2-hydroxyethyl methacrylate)

# **SECTION 12: Ecological information**

### 12.1. Toxicity

CAS No	Chemical name							
	Aquatic toxicity	Dose		[h]   [d]	Species	Source	Method	
868-77-9	2-hydroxyethyl methacrylate							
	Acute fish toxicity	LC50	227 mg/l	96 h	Pimephales promelas			

### 12.3. Bioaccumulative potential

### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
868-77-9	2-hydroxyethyl methacrylate	

### **Further information**

According to the criteria of the EC-classification and labelling "dangerous for the environment" (93/21/EEC) the material/product is not to be classified as dangerous to the environment.

# **SECTION 13: Disposal considerations**

# 13.1. Waste treatment methods

# Advice on disposal

Can be burnt together with household waste in compliance with official regulations in contact with approved waste disposal companies and with authorities in charge.

## **SECTION 14: Transport information**

Land transport (ADR/RID)

<u>14.1. UN number:</u> ---

Inland waterways transport (ADN)

<u>14.1. UN number:</u> ---

Marine transport (IMDG)

<u>14.1. UN number:</u> ---

Air transport (ICAO-TI/IATA-DGR)

<u>14.1. UN number:</u> ---

Other applicable information



according to Regulation (EC) No 1907/2006

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Not a hazardous material with respect to these transportation regulations.

May cause respiratory irritation.

## **SECTION 15: Regulatory information**

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

National regulatory information

**Additional information** 

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## **SECTION 16: Other information**

## Relevant H and EUH statements (number and full text)

H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.

#### **Further Information**

H335

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)