according to Regulation (EC) No 1907/2006

## LuxaBond Total Etch (bond A)

Revision date: 15.04.2021 Product code: 2222 Page 1 of 5

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

### 1.1. Product identifier

LuxaBond Total Etch (bond A)

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

### Uses advised against

pregnant or breastfeeding people should not work with hazardous substances

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

Company name: DMG Chemisch-Pharmazeutische Fabrik GmbH

Street: Elbgaustraße 248
Place: D-22547 Hamburg

Telephone: +49. (0) 40. 84006-0 Telefax: +49. (0) 40. 84006-222

e-mail: info@dmg-dental.com Internet: www.dmg-dental.com

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

### 2.1. Classification of the substance or mixture

## Regulation (EC) No 1272/2008

Hazard categories:

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

Hazard Statements:

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

## 2.2. Label elements

## Regulation (EC) No 1272/2008

Signal word: Danger

Pictograms:





### **Hazard statements**

H335 May cause respiratory irritation.
 H318 Causes serious eye damage.
 H317 May cause an allergic skin reaction.

### **Precautionary statements**

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

present and easy to do. Continue rinsing.

P313 Get medical advice/attention.

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

protection.

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

### 3.2. Mixtures

## Chemical characterization

chemical characterization (preparation): Acrylate.-resin.

according to Regulation (EC) No 1907/2006

## LuxaBond Total Etch (bond A)

Revision date: 15.04.2021 Product code: 2222 Page 2 of 5

### **Hazardous components**

CAS No	Chemical name			Quantity	
	EC No	No Index No REACH No			
	Classification (Regulation (EC) No 1272/2008)				
1565-94-2	Bis-GMA			15 - 25 %	
	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1, STOT SE 3; H315 H319 H317 H335				

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

## Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity	
	Specific Conc. Limits, M-factors and ATE			
1565-94-2		Bis-GMA	15 - 25 %	
	oral: LD50 = 5000 mg/kg			

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

## 4.1. Description of first aid measures

#### After inhalation

Move victim to fresh air. Put victim at rest and keep warm.

### 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

Call a physician immediately.

## **SECTION 5: Firefighting measures**

## 5.1. Extinguishing media

## Suitable extinguishing media

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

## Unsuitable extinguishing media

High power water jet.

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

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

### General advice

Wear suitable protective clothing. Provide adequate ventilation.

### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

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

### Other information

Take up mechanically.

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

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

## 7.1. Precautions for safe handling

### Advice on safe handling

Keep container tightly closed. Wear suitable protective clothing and gloves. Avoid contact with eyes.

according to Regulation (EC) No 1907/2006

## LuxaBond Total Etch (bond A)

Revision date: 15.04.2021 Product code: 2222 Page 3 of 5

## Advice on general occupational hygiene

When using do not eat or drink.

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

### Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

Store only in original container.

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

### 8.1. Control parameters

### Additional advice on limit values

To date, no national critical limit values exist.

### 8.2. Exposure controls



100 °C

### Appropriate engineering controls

Ensure adequate ventilation of the storage area.

## Individual protection measures, such as personal protective equipment

### Eye/face protection

Tightly sealed safety glasses.

### Hand protection

Tested protective gloves are to be worn: Suitable material: NBR (Nitrile rubber).

## Respiratory protection

The following must be prevented: inhalation.

**SECTION 9: Physical and chemical properties** 

### 9.1. Information on basic physical and chemical properties

Physical state: liquid
Colour: yellow
Odour: like: ester

## Changes in the physical state

Boiling point or initial boiling point and

boiling range:
point of decomposition: > 200 °C
Flash point: > 100 °C
pH-Value (at 20 °C): 4.5 - 7

### Solubility in other solvents

Solubility ca. 50 %

Vapour pressure: 23 hPa

(at 20 °C)

Density: 1,1 g/cm³
Relative vapour density: > 1

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

according to Regulation (EC) No 1907/2006

## LuxaBond Total Etch (bond A)

Revision date: 15.04.2021 Product code: 2222 Page 4 of 5

### 10.4. Conditions to avoid

Light. heat.

### 10.5. Incompatible materials

Keep away from strong acids, leachates, heavy metal salts and reducing materials.

### 10.6. Hazardous decomposition products

In case of fire may be liberated: Gas / vapours, irritant. (Acrylate., pungent)

### **Further information**

Substances sensitive to light.

## **SECTION 11: Toxicological information**

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

### **Acute toxicity**

LD50: Rat 5500mg/kg

CAS No	Chemical name							
	Exposure route Dose Species Source Method							
1565-94-2	Bis-GMA							
		LD50 mg/kg	5000	Rat	literature value			

#### Irritation and corrosivity

Frequently or prolonged contact with skin may cause dermal irritation.

Irritant effect on the eye: Frequently or prolonged contact with skin may cause dermal irritation.

### Sensitising effects

May cause sensitization by skin contact.

## Additional information on tests

Contains Methacrylates: May produce an allergic reaction. May cause sensitization by skin contact.

## **SECTION 12: Ecological information**

### 12.1. Toxicity

Aquatoxicity LC50: > 360 mg / I / 48h

## 12.2. Persistence and degradability

Product is partially biodegradable. 50%

### 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### 12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

### **Further information**

Do not allow to enter into surface water or drains. Leakage into the environment must be prevented.

## **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

## **Disposal recommendations**

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

Carry out a burning of harzardous waste according to official regulations.

according to Regulation (EC) No 1907/2006

## LuxaBond Total Etch (bond A)

Revision date: 15.04.2021 Product code: 2222 Page 5 of 5

## List of Wastes Code - residues/unused products

180106 WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH

(EXCEPT KITCHEN AND RESTAURANT WASTES NOT ARISING FROM IMMEDIATE HEALTH

CARE); wastes from natal care, diagnosis, treatment or prevention of disease in humans;

chemicals consisting of or containing hazardous substances; hazardous waste

## **SECTION 14: Transport information**

### Other applicable information

No dangerous good in sense of these transport regulations.

## **SECTION 15: Regulatory information**

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

## **EU** regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3

H315

### **National regulatory information**

Water hazard class (D): -- non-hazardous to water

Causes skin irritation.

## **SECTION 16: Other information**

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

H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.

H335 May cause respiratory irritation.

**Further Information** 

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

Telefax: +49. (0) 40. 84006-222

## **Safety Data Sheet**

according to Regulation (EC) No 1907/2006

### LuxaBond Total Etch Bond B

Revision date: 14.04.2016 Product code: 2222 Page 1 of 5

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

### 1.1. Product identifier

LuxaBond Total Etch Bond B

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

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

Company name: DMG Chemisch-Pharmazeutische Fabrik GmbH

Street: Elbgaustraße 248
Place: D-22547 Hamburg
Telephone: +49. (0) 40. 84006-0

e-mail: info@dmg-dental.com Internet: www.dmg-dental.com

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

### 2.1. Classification of the substance or mixture

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

Hazard categories:

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

Hazard Statements:

May cause respiratory irritation.

Causes serious eye damage.

May cause an allergic skin reaction.

### 2.2. Label elements

## Regulation (EC) No. 1272/2008

Signal word: Danger

Pictograms:





### **Hazard statements**

H335 May cause respiratory irritation.
H318 Causes serious eye damage.
H317 May cause an allergic skin reaction.

## **Precautionary statements**

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

present and easy to do. Continue rinsing.

P313 Get medical advice/attention.

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

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

### 3.2. Mixtures

## **Chemical characterization**

chemical characterization (preparation): Acrylate.-resin.

according to Regulation (EC) No 1907/2006

### LuxaBond Total Etch Bond B

Revision date: 14.04.2016 Product code: 2222 Page 2 of 5

### **Hazardous components**

CAS No	Chemical name	Chemical name				
	EC No	C No Index No REACH No				
	Classification according to Regulation (EC) No. 1272/2008 [CLP]					
1565-94-2	Bis-GMA	Bis-GMA				
	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1, STOT SE 3; H315 H319 H317 H335					

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

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

### 4.1. Description of first aid measures

### After inhalation

Move victim to fresh air. Put victim at rest and keep warm.

### 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

Call a physician immediately.

## **SECTION 5: Firefighting measures**

## 5.1. Extinguishing media

### Suitable extinguishing media

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

### Unsuitable extinguishing media

High power water jet.

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

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

Wear suitable protective clothing. Provide adequate ventilation.

### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

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

Take up mechanically.

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

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

### 7.1. Precautions for safe handling

### Advice on safe handling

Keep container tightly closed. Wear suitable protective clothing and gloves. Avoid contact with eyes.

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

## Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

Store only in original container.

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

according to Regulation (EC) No 1907/2006

### LuxaBond Total Etch Bond B

Revision date: 14.04.2016 Product code: 2222 Page 3 of 5

## 8.1. Control parameters

## 8.2. Exposure controls



### Appropriate engineering controls

Ensure adequate ventilation of the storage area.

### Protective and hygiene measures

When using do not eat or drink.

### Eye/face protection

Tightly sealed safety glasses.

### Hand protection

Tested protective gloves are to be worn: Suitable material: NBR (Nitrile rubber).

### Respiratory protection

The following must be prevented: inhalation.

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

Physical state: liquid
Colour: yellow
Odour: like: ester

pH-Value (at 20 °C): 4.5 - 7

Changes in the physical state

Initial boiling point and boiling range:

point of decomposition:

Flash point:

Vapour pressure:
(at 20 °C)

100 °C

23 hPa

(41.20 0)

Density: 1,1 g/cm³

Solubility in other solvents

Solubility ca. 50 %

Vapour density: > 1

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

## 10.4. Conditions to avoid

Light. heat.

## 10.5. Incompatible materials

Keep away from strong acids, leachates, heavy metal salts and reducing materials.

### 10.6. Hazardous decomposition products

In case of fire may be liberated: Gas / vapours, irritant. (Acrylate., pungent)

### **Further information**

Substances sensitive to light.

## **SECTION 11: Toxicological information**

## 11.1. Information on toxicological effects

according to Regulation (EC) No 1907/2006

### LuxaBond Total Etch Bond B

Revision date: 14.04.2016 Product code: 2222 Page 4 of 5

### **Acute toxicity**

LD50: Rat 5500mg/kg

CAS No	Chemical name							
	exposure route Dose Species Source Method							
1565-94-2	Bis-GMA	Bis-GMA						
	oral	LD50 mg/kg	5000	Rat	literature value			

### Irritation and corrosivity

Frequently or prolonged contact with skin may cause dermal irritation.

Irritant effect on the eye: Frequently or prolonged contact with skin may cause dermal irritation.

### Sensitising effects

May cause sensitization by skin contact.

### Additional information on tests

Contains Methacrylates: May produce an allergic reaction. May cause sensitization by skin contact.

### **SECTION 12: Ecological information**

### 12.1. Toxicity

Aquatoxicity LC50: > 360 mg / I / 48h

### 12.2. Persistence and degradability

Product is partially biodegradable. 50%

### **Further information**

Do not allow to enter into surface water or drains. Leakage into the environment must be prevented.

## **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.

Carry out a burning of harzardous waste according to official regulations.

## Waste disposal number of waste from residues/unused products

180106 WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (EXCEPT

KITCHEN AND RESTAURANT WASTES NOT ARISING FROM IMMEDIATE HEALTH CARE); wastes from natal care, diagnosis, treatment or prevention of disease in humans; chemicals consisting of or containing hazardous substances; hazardous waste

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

### Other applicable information

No dangerous good in sense of these transport regulations.

## **SECTION 15: Regulatory information**

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

### National regulatory information

Water contaminating class (D): - - not water contaminating

## **SECTION 16: Other information**

according to Regulation (EC) No 1907/2006

	LuxaBond Total Etch Bond B	
Revision date: 14.04.2016	Product code: 2222	Page 5 of 5

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

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

### **Further Information**

-

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

Telefax: +49. (0) 40. 84006-222

## **Safety Data Sheet**

according to Regulation (EC) No 1907/2006

## LuxaBond Total Etch\_Pre-bond

Revision date: 15.04.2021 Product code: 6700 Page 1 of 6

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

### 1.1. Product identifier

LuxaBond Total Etch\_Pre-bond

CAS No: 64-17-5 Index No: 603-002-00-5 EC No: 200-578-6

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

## Uses advised against

pregnant or breastfeeding people should not work with hazardous substances

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

Company name: DMG Chemisch-Pharmazeutische Fabrik GmbH

Street: Elbgaustraße 248
Place: D-22547 Hamburg
Telephone: +49. (0) 40. 84006-0

e-mail: info@dmg-dental.com Internet: www.dmg-dental.com

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

### 2.1. Classification of the substance or mixture

### Regulation (EC) No 1272/2008

Hazard categories:

Flammable liquid: Flam. Liq. 2

## 2.2. Label elements

## Regulation (EC) No 1272/2008

## Special labelling of certain mixtures

EUH210 Safety data sheet available on request.

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

### 3.2. Mixtures

### **Hazardous components**

CAS No	Chemical name			Quantity
	EC No Index No REACH No			
	Classification (Regulation (EC) No 1272/2008)			
64-17-5	ethanol; ethyl alcohol	ethanol; ethyl alcohol		
	200-578-6	603-002-00-5		
	Flam. Liq. 2; H225			

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

## Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity	
	Specific Conc. L	Limits, M-factors and ATE		
64-17-5	200-578-6	ethanol; ethyl alcohol	55 - 99 %	
	inhalation: LC50 = 95,6 mg/l (vapours); oral: LD50 = 6200 mg/kg			

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

## 4.1. Description of first aid measures

## **Safety Data Sheet**

according to Regulation (EC) No 1907/2006

### **LuxaBond Total Etch Pre-bond**

Revision date: 15.04.2021 Product code: 6700 Page 2 of 6

### After inhalation

Move victim to fresh air. Put victim at rest and keep warm.

#### After contact with skin

After contact with skin, wash immediately with: Water and soap. Change contaminated clothing. Rub greasy ointment into the skin.

### After contact with eyes

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

### After ingestion

If swallowed, immediately drink: Water. Medical treatment necessary.

### **SECTION 5: Firefighting measures**

## 5.1. Extinguishing media

### Suitable extinguishing media

Atomized water. alcohol resistant foam. Carbon dioxide (CO2). Extinguishing powder. Sand.

### Unsuitable extinguishing media

High power water jet.

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

Concentrated vapors are heavier than air. Vapours may form explosive mixtures with air.

### 5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

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

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

### General advice

Keep away from sources of ignition - No smoking.

The following must be prevented: inhalation. skin contact. Eye contact.

### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

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

### Other information

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

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

## 7.1. Precautions for safe handling

### Advice on safe handling

Keep away from sources of ignition - No smoking. Provide adequate ventilation.

## Advice on general occupational hygiene

When using do not eat or drink.

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

## Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

Store only in original container.

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

## 8.1. Control parameters

## **Safety Data Sheet**

according to Regulation (EC) No 1907/2006

## LuxaBond Total Etch\_Pre-bond

Revision date: 15.04.2021 Product code: 6700 Page 3 of 6

### Occupational exposure limits

CAS No	Substance	ppm	mg/m³	fib/cm³	Category	Origin
64-17-5	Ethyl alcohol	1000	-		STEL (15 min)	

### 8.2. Exposure controls









### Individual protection measures, such as personal protective equipment

### Eye/face protection

Tightly sealed safety glasses.

### Hand protection

Tested protective gloves are to be worn: Suitable material: NBR (Nitrile rubber).

## Respiratory protection

The following must be prevented: inhalation. exceeding exposure limit values: Filtering device (full mask or mouthpiece) with filter: A

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

## 9.1. Information on basic physical and chemical properties

Physical state: liquid

Colour: colourless-transparent

Odour: characteristic

Melting point/freezing point:

Boiling point or initial boiling point and

ca. -115 °C

ca. 80 °C

boiling range:

Lower explosion limits:

Upper explosion limits:

15 vol. %

Flash point:

Auto-ignition temperature:
pH-Value:

Water solubility:

Vapour pressure:

3.5 vol. %

The product has not been tested.

425 °C

neutral

complete miscible

Vapour pressure:

59 hPa

(at 20 °C)

Density (at 20 °C): ca. 0,8 g/cm³ Viscosity / dynamic: 1,3 mPa·s

(at 20 °C)

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

## 10.4. Conditions to avoid

heat.

## 10.5. Incompatible materials

Oxidizing agents. peroxides. acid. Alkali metals.

## **SECTION 11: Toxicological information**

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

## **Acute toxicity**

Acute toxicity, oral LD50: (Rat): > 10000 mg/kg

## **Safety Data Sheet**

according to Regulation (EC) No 1907/2006

## LuxaBond Total Etch\_Pre-bond

Revision date: 15.04.2021 Product code: 6700 Page 4 of 6

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			
	inhalation (4 h) vapour	LC50	95,6 mg/l	Rat	RTECS			

## Irritation and corrosivity

In case of prolonged or frequently repeated skin contact: irritant.; Following eye contact: irritant.

## **SECTION 12: Ecological information**

### 12.1. Toxicity

Acute fish toxicity (Leuciscus idus): LC50: > 8140 mg / I / 48 h (Ethanol); Acute Daphnia toxicity (Daphnia magna): EC50: 9268 - 14221 mg / I / 48 h

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				

## 12.2. Persistence and degradability

Easily biodegradable (concerning to the criteria of the OECD)

CAS No	Chemical name						
	Method	Value	d	Source			
	Evaluation						
64-17-5	ethanol; ethyl alcohol						
	Biologische Abbaubarkeit	94 %		OECD 301E			
	leicht biologisch abbaubar						
	Chemischer Sauerstoffbedarf	930-1670 mg/g	5				

### 12.3. Bioaccumulative potential

### Partition coefficient n-octanol/water

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

### 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### 12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

## **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

## **Disposal recommendations**

Remove according to the regulations.

### List of Wastes Code - residues/unused products

## **Safety Data Sheet**

according to Regulation (EC) No 1907/2006

## **LuxaBond Total Etch Pre-bond**

Revision date: 15.04.2021 Product code: 6700 Page 5 of 6

180106 WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH

(EXCEPT KITCHEN AND RESTAURANT WASTES NOT ARISING FROM IMMEDIATE HEALTH

CARE); wastes from natal care, diagnosis, treatment or prevention of disease in humans;

chemicals consisting of or containing hazardous substances; hazardous waste

## **SECTION 14: Transport information**

Land transport (ADR/RID)

14.1. UN number or ID number: UN 1170

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

14.3. Transport hazard class(es):314.4. Packing group:IIHazard label:3



Classification code: F1
Special Provisions: 144 601
Limited quantity: 1 L
Transport category: 2
Hazard No: 33
Tunnel restriction code: D/E

Other applicable information (land transport)

E2

Marine transport (IMDG)

14.1. UN number or ID number: UN 1170

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

14.3. Transport hazard class(es):314.4. Packing group:IIHazard label:3



Special Provisions: 144
Limited quantity: 3 L
EmS: F-E, S-D

Other applicable information (marine transport)

E2

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: UN 1170

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

14.3. Transport hazard class(es):314.4. Packing group:IIHazard label:3



Special Provisions: A3 Limited quantity Passenger: 1 L

IATA-packing instructions - Passenger: 353
IATA-max. quantity - Passenger: 5 L
IATA-packing instructions - Cargo: 364

## **Safety Data Sheet**

according to Regulation (EC) No 1907/2006

## LuxaBond Total Etch\_Pre-bond

Revision date: 15.04.2021 Product code: 6700 Page 6 of 6

60 I

IATA-max. quantity - Cargo:

Other applicable information (air transport)

E2 : Y341

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

## **SECTION 15: Regulatory information**

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

**EU** regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 40

**National regulatory information** 

Water hazard class (D): 1 - slightly hazardous to water

## **SECTION 16: Other information**

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

H225 Highly flammable liquid and vapour.
EUH210 Safety data sheet available on request.

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