

Material Safety Data Sheet

ITENA, adhesive IPERBOND ULTRA

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

Product Name :

IPERBOND ULTRA

Relevant identified uses of the substance or mixture and uses advised against:**Use of the substance/mixture**

for dental use only

Manufacturer :

ITENA CLINICAL

83 Avenue Foch

75116 Paris –France

Tel : +33 1 45 91 30 06 – Fax : + 33 1 45 91 61 31

2. Composition/information on ingredients

Hazardous components :

EC No	CAS No	Chemical Name	Quantity	Classification
200-578-6	64-17-5	ethanol, ethyl alcohol	35-40%	F R 11
		Urethane dimethacrylate	20-25%	R52-53
212-782-2	868-77-9	2-hydroxyethyl methacrylate	5-10%	Xi R36/38-43

Full text of R and H phrases: see Section 16.

3. Hazards identification

Classification of the substance or mixture:

- Indications of danger: F - Highly flammable, Xi – Irritant
- R phrases:
 - o Highly flammable.
 - o Irritating to eyes and skin.
 - o May cause sensitisation by skin contact.
 - o Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Label elements:

F - Highly flammable; Xi – Irritant

Hazardous components which must be listed on the label:

2-hydroxyethyl methacrylate

R phrases

- 11 Highly flammable.
- 36/38 Irritating to eyes and skin.
- 43 May cause sensitisation by skin contact.
- 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S phrases

- 24 Avoid contact with skin.

Adhesive IPERBOND ULTRA

- 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
37 Wear suitable gloves.

4. 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.

5. Firefighting measures

- Suitable extinguishing media:
Water spray. Foam. Extinguishing powder. Carbon dioxide (CO₂). Sand.
Additional information:
Extinguishing materials should be selected according to the surrounding area.

6. Accidental release measures

- Personal precautions, protective equipment and emergency procedures:
Remove all sources of ignition. Provide adequate ventilation. Guide people to safety.
Environmental precautions:
Do not empty into drains or the aquatic environment.
Methods and material for containment and cleaning up:
Wipe up with absorbent material (eg. cloth, fleece). Clear contaminated area thoroughly.

7. Handling and storage

- Precautions for safe handling:
- Advice on safe handling :
- Avoid contact with skin and eyes.
 - Restricted to professional users. Keep out of the reach of children.

- 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.

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.

8. Exposure controls/personal protection

Exposure limits (EH40):

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

Exposure controls:

Protective and hygiene measures: When using do not eat, drink or smoke.
Respiratory protection: Provide adequate ventilation.
Hand protection: Single-use gloves.
Eye protection: Framed glasses.
Skin protection: Lab apron

9. Physical and chemical properties

Physical state: liquid
Colour: characteristic
Odour: light yellow
Density: 1.0g/cm3
Water solubility: partially soluble
Solubility in other solvents: Ethanol

10. Stability and reactivity

Conditions to avoid: heat
Incompatible materials: Oxidizing agents.

11. Toxicological information

Irritation and corrosivity:
 Hazards identification: Frequently or prolonged contact with skin may cause dermal irritation.
Sensitising effects:
 May cause sensitization in susceptible people.

12. Ecological 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.

13. Disposal considerations:

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

14. Transport information:

Land transport (ADR/RID):

UN number: 1170
 UN proper shipping name: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)



Transport hazard class(es): 3
Packing group: II
Hazard label: 3
Classification code: F1
Limited quantity: LQ4
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):

UN number: 1170
UN proper shipping name: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
Transport hazard class(es): 3
Packing group: II
Hazard label : 3
Limited quantity: 3L
EmS: F-E, S-D

Other applicable information (marine transport):

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

Air transport (ICAO):

UN/ID number: 1170
UN proper shipping name: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
Transport hazard class(es): 3
Packing group: II
Hazard label: 3
Limited quantity Passenger : 1 L
IATA-packing instructions - Passenger: 305
IATA-max. quantity - Passenger: 5 L
IATA-packing instructions - Cargo: 307
IATA-max. quantity - Cargo: 60L



Other applicable information (air transport):

E2
: Y305
60 L

15. Regulatory information:

National regulatory information

16. Other information

Full text of R phrases referred to under Sections 2 and 3

11	Highly flammable.
36/38	Irritating to eyes and skin.
43	May cause sensitisation by skin contact.
52	Harmful to aquatic organisms.
52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
53	May cause long-term adverse effects in the aquatic environment.

Full text of H statements referred to under Sections 2 and 3

H225	Highly flammable liquid and vapour.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye 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.

This information is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data, or the results to be obtained from use thereof. In no event will the manufacturer or distributor be responsible for damages of any nature whatsoever resulting from the use of, or reliance upon this information. General properties described herein are to be regarded as guides and are not guaranteed for all samples.