

C. F. P. M.
Conception, Fabrication de Produits Médicaux et paramédicaux

MATERIAL SAFETY DATA SHEET According to 91/155/EEC

PRODUCT : SUPRABOND (R&S)

Version: 04/11/2009

1 - IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Identification of the substance or the preparation:

Product name: **SUPRABOND (R&S)**

Identification of the supplier:

C. F. P. M.
2 bis, chemin du Loup
93290 TREMBLAY - FRANCE

Telephone: 01 45 91 31 82

Fax: 01 48 65 67 23

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2 - COMPOSITION / INFORMATIONS ON INGREDIENTS

Hazardous Ingredients	CAS#	identification & Risk Phrases
Acetone	67-64-1	F, Xi, R11/36/66/67
Urethandiinethacrvlate	72869-86-4	Xi, R36/37/38
Triethyleneglycidimethacrylate	109-16-0	Xi
2-Hydroxyetliylmethacrylate	868-77-9	Xi, R36/38-43
Multifunctional dimetliacnvlatsc	24448-20-2	Xi, R36/37/38
4-methacryioxethyltrimelhile acid	70293-55-9	Xn; R22-36/38-43
Photoinitiators	10287-53-3 10334-26-6	Xi, R36/37/38 N/E
Ethanol	64-17-5	F, R11

Additional information: For the wording of the listed risk phrases refer to section 16.

3 - HAZARDS IDENTIFICATION

<u>Acute Health Hazards:</u>	May cause eye, respiratory and skin irritation.
<u>Signs and Symptoms of Exposure:</u>	High concentrations can cause eye and respiratory irritation. Prolonged skin exposure eau cause dryness.
<u>Primary Routes of Exposure:</u>	Inhalation, skin contact, eye contact.
<u>Carcinogenicity:</u>	NTP - no, OSIIA - no, IARC - no.

4 - FIRST AID MEASURES

If irritation occurs, take victim to open air,	
<u>In case of skin contact:</u>	wash with soap and water.
<u>In case of eye contact:</u>	Flush with large quantities of water for 15 minutes. Consult a physician.
<u>In case of ingestion:</u>	Consult a physician.

5 - FIRE-FIGHTING MEASURES

<u>Flash Point:</u>	N/E
<u>Extinguishing Media:</u>	Carbon dioxide, Water spray, dry chemical
<u>Special Fire Fighting Procedures:</u>	Avoid a direct jet of water
<u>Unusual Eire and Explosion Hazards:</u>	None

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6 – ACCIDENTAL RELEASE MEASURES

Environmental Precautions: Avoid seepage into sewers and water supplies.
Clean-Up Procedure: Contain spill and pick up material with a suitable absorbent material. Place absorbent into a container for later disposal. Clean spill area with detergent and water.

7 - HANDLING AND STORAGE

Handling: No special measures necessary if handled according to instructions.
Storage: Keep container tightly closed when not in use. Store in a cool dry location. Keep material in original packaging.

8 – EXPOSURE CONTROL AND PERSONAL PROTECTION

Exposure Controls: Use only in well ventilated areas.
Hand and Skin Protection: Avoid unnecessary skin contact. Wear latex gloves when handling.
Hygiene Measures: Remove spilled material from skin and clothing. Do not eat or drink when handling this material.

9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Light yellow liquid.
Odour: Specific odour.
Boiling Point: N/A
Flash Point: N/E
Solubility in Water: Insoluble
Vapour Density (Air = 1): N/E
Vapour Pressure (min Hg): N/E

10 – STABILITY AND REACTIVITY

Stability: Stable if handled according to directions.
Hazardous Reactions: None if handled according to directions
Hazardous Polymerization: May occur.
Conditions to Avoid: Heat: UV-light.
Incompatibility: Free radicals, reducing agents, heavy metal ions.
Hazardous Decomposition Products: Carbon dioxide, carbon monoxide, acrylic decomposition products, depending on conditions of heating and burning.

11 - TOXICOLOGICAL INFORMATION

Acute oral toxicity: LD50 (rat) > 500 mg /kg
Irritation of Skin: Dryness and Irritation possible upon prolonged exposure.
Allergic Effects: Methacrylate sensitive individuals may exhibit an allergic reaction.

12 – ECOLOGICAL INFORMATION

Do not discharge into sewers or water supplies.
Environmental persistence and degradability: No data available.
Ecotoxicity: No data available.

13 – DISPOSAL CONSIDERATIONS

May be disposed of in landfill or incinerator in accordance with local, state and federal regulations

14 – TRANSPORT INFORMATION

14.1 Transport at land	ADR	3	RID	3
	UN Number	1170	Kemler	Number
	Packing group	III		
	Proper shipping name:	Ethanol solution		
14.2 Transport at sea	ADNR	3	IMDG	3
	UN Number	1170	Kemler	

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	EMS Packing group III Proper shipping name:	F-E,S-D	MFAG Ethanol solution
14.3 Air transport	ICAO / IATA-DGR UN Number Proper shipping name Subsidiary Risk Labels Packing Group		- - - 1170 Ethanol solution - - - Ethanol solution III

U.S. DOT Shipping Name: Not Regulated.
U.S. DOT Hazard Class: None U.N/ N.A.
Number: None
U.S. Dot Packing Group: None
Other: Not considered hazardous cargo.

15 – REGULATORY INFORMATION

This product requires classification according to the criteria of EC. The product is a medical device according to the EC-directive 93/42.

- 15.1 UN Number 1170
15.2 National Regulations
15.3 EU number
15.4 Hazards symbols
15.5 Hazards designation
Xi: irritant
F: Highly flammable. Contains Ethyl Alcohol.
- 15.6 Risk phrases
R: 11, 36, 37/38, 43
11 Highly flammable
36 Irritating to eyes
37/38 Irritating to respiratory system and skin
43 May cause sensitization by skin contact
- 15.7 Safety phrases
S: 2, 9, 16, 23, 26, 28, 24/25, 37/39
2 Keep out of the reach of children.
9 Keep containers in a well-ventilated place
16 Keep away from sources of ignition - No smoking.
23 Do not breathe vapour.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
28 After contact with skin. Wash immediately with plenty of water and soap
24/25 Avoid contact with skin and eyes
37/39 Wear suitable gloves and eye/face protection

U.S. - O.S.H.A. States: This material is not hazardous under the criteria of the U.S. Federal Hazard Communication Standard.

16 - OTHER INFORMATION

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

Relevant R-phrases

- 11 Highly flammable.
22 Harmful if swallowed.
36 Irritating to eyes.
37/38 Irritating to respiratory system and skin.
43 May cause sensitisation by skin contact.

C. F. P. M. – 2 bis chemin du Loup – 93290 – TREMBLAY EN FRANCE
SARL au capital de 10 000.00 Euros – RCS BOBIGNY 340 747 476

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Xn Harmful.

Material should be maintained in original containers. Empty containers should not be re-used.

AN SI / NFPA 704 DATA

Fire = 3

Health = 1

Reactivity = 1 Specific

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.