



## MSDS

### MATERIAL SAFETY DATA SHEET

revision n°: 0002

Product: BMS015 RESIN REPAIR MATERIAL SELF CURING (LIQUID)  
(ITEM CODE: 02.015-L)

CAS number : 80-62-6      HS Code :    39069000

#### **1- IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY**

PRODUCT NAME: BMS015 RESIN REPAIR MATERIAL SELF CURING  
(LIQUID)

SUPPLIER:

BMS DENTAL s.r.l.  
Via Buonarroti 21/25  
56033 Capannoli – Pisa - Italia.  
Tel: ++39-0587-606089

#### **2 – COMPOSITION/INFORMATION ON INGREDIENTS.**

Sinonym:	methilmethacrilate monomer
CAS-Nr.	80-62-6
EINECS:	201-297-1

#### **3 – HAZARDS IDENTIFICATION:**

Toxic by inhalation, in contact with skin and if swallowed.  
Danger of cumulative effects

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### 4 – FIRST AIDS MEASURES:

**After contact with skin:** In case of contact with skin wash off immediately with plenty of water and soap

**After contact with eyes:** in case of contact with eyes rinse thoroughly with plenty of lukewarm water and seek medical advice.

**After ingestion:** Wash out mouth immediately and allow to drink a lot of water. Seek medical advice.

**After inhalation:** Remove to fresh air immediately. Seek medical advice.

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### 5 – FIRE-FIGHTING MEASURES:

Suitable extinguishing media: water, spray jet, foam, dry powder, CO<sub>2</sub>.

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### 6 – ACCIDENTAL RELEASE MEASURES:

Pick up with absorbent material (sand, kieselgur, universal binder, sawdust) and fill in container capable of being locked. Clean contaminated floors and object thoroughly with water and detergents, observing environmental regulations.

### 7 – HANDLING AND STORAGE:

Handling: Protect containers from physical damages.

Use only in well ventilated areas.

Advise on protection against fire and explosion.

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

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### 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

General protective measures: Do not inhale gas/fumes/vapour/spray.

Avoid contact with eyes and skin.

Hygiene measures: Keep away from foodstuffs and beverages.

Wash hands before breaks and after work.

Respiratory protection: Protective mask

Hand protection: Protective gloves.

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Eye protection:	Safety glasses/face shield
Body protection:	Protective overalls.

### 9 – PHYSICAL AND CHEMICAL PROPERTIES:

Form/colour:	Colourless Clear Liquid
Odour:	Slightly irritating
Melting Point:	- 48 °c
Bowling Point:	101 °c
Flash Point:	2°c ( closed cup).
Autoignition Temperature:	430 °c
esplosive Properties:	Lower Limit 2,1; Higher limit 12,5. ( % v/v)
Vapour pressure:	38,6 mbar at 20° c – 160 mbar at 50°c.
Density:	0,936 at 20°c
Solubility:	1,6 %.
Partition Coefficient:	1,38 (n-octanol / water)
Vapour Density:	3,45 (air = 1)

### 10 – Stability and Reactivity

Conditions to avoid:	Stable in normal conditions Keep away from heat and sources of ignition.
Materials to avoid:	Free radical generators. Activated Carbons (esplosive reaction) Peroxide, Strong oxidizing agents. Strong acids and strong bases.

### 11 – Toxicological Information

**Possible Penetrations:** **inhalation, Ingestion, Contact.**

Inhalation:	lc 50 inhalation (rat) = 3.750 ppm Risk of irritation of respiratory system
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Skin Contact:	Risk of cutaneous irritation. Dermatitis possible through repeated contact .
Eye Contact:	Risk of eye irritation
Ingestion:	ld 50 oral ( rat) = 8.000 mg/kg . Practically not hamful if swallowed
Repeated Exposure:	Local effects due to an irritant effect
Chronic Toxicity:	Kidney and liver damages.

### 12 – Ecological Information

Follow good working practices, avoid dispersion into the environment.

### 13 – Disposal Considerations

Recover if possible. Operate according to local and national.

### 14– Transport Information

ADR/RID :	UN Nr : 1247 Danger no. : 339 Classification Code : F1 Class : 3 Packaging Group : II Label (s) : 3
ADN/ADNR :	Material Identification No. : 1247 Classification Mode : F1 Class : 3 Label (s) : 3
IMDG :	UN Nr (IMDG) : 1247 Class : 3 Packaging Group : II Label(s) : 3 Marine Pollutant (MP) : NO Subsidiary risks : -

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IATA : UN Nr. (IATA) or ID nr. : 1247  
Class : 3  
Packaging Group : II  
Label (s) : 3  
Subsidiary risk : -

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### 15 – Regulatory Information

DM 28/1/92 (classification and labeling)

Symbols:

F – Highly Flammable Xi – Irritant

frasi R:

R11 – Highly Flammable

R36/37/38 – Irritant to eyes, Respiratory System and skin.

frasi S:

R43 – May Cause sensitization by skin contact

S2 – Keep out of reach of children

S9 – Keep container in well ventilated.

S16 – Keep away from sources of ignition - no smoking

S29 – Do not empty into drains.

S33 – prevent the accumulation of electrostatic charges.

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### 16 – Other Information

Information are based on our knowledge, related solely to the indicated product and constitutes no guarantee of particular quality. The user must ensure the suitability and completeness of such information for their particular use in the dental field. The above information is believed to be correct but can not be all inclusive and shall be used only as a guide. BMS DENTAL srl society can not be held responsible for any damage resulting from improper installation of the product.

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